

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069563.D
 Acq On : 18 Nov 2021 19:33
 Operator : JC/MD
 Sample : M4068-08 1.0PPB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

Quant Time: Nov 19 04:51:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 19 04:51:32 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/19/2021
 Supervised By :Semsettin Yesilyurt 11/19/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	2293671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	3986927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	3809273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	1369554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1725062	51.871	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.740%			
35) Dibromofluoromethane	8.024	113	1184501	49.536	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.080%			
50) Toluene-d8	10.443	98	4965252	52.797	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.600%			
62) 4-Bromofluorobenzene	12.733	95	1691963	48.973	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	8661	0.353	ug/l	97
3) Chloromethane	2.306	50	13011	0.458	ug/l	95
4) Vinyl Chloride	2.448	62	10953	0.385	ug/l	93
5) Bromomethane	2.858	94	8430	0.456	ug/l #	71
6) Chloroethane	3.027	64	8045	0.419	ug/l	89
7) Trichlorofluoromethane	3.371	101	17460m	0.397	ug/l	
8) Diethyl Ether	3.832	74	5012	0.352	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.199	101	7757m	0.374	ug/l	
10) Methyl Iodide	4.417	142	6432	0.253	ug/l #	64
11) Tert butyl alcohol	5.401	59	17258m	2.880	ug/l	
12) 1,1-Dichloroethene	4.183	96	7525	0.405	ug/l #	88
13) Acrolein	4.049	56	3094m	3.286	ug/l	
14) Allyl chloride	4.840	41	10477	0.255	ug/l #	79
15) Acrylonitrile	5.562	53	25017	1.630	ug/l #	67
16) Acetone	4.299	43	33846	1.886	ug/l	96
17) Carbon Disulfide	4.529	76	13926	0.317	ug/l #	94
18) Methyl Acetate	4.867	43	25894	0.444	ug/l #	68
19) Methyl tert-butyl Ether	5.629	73	28813	0.366	ug/l	100
20) Methylene Chloride	5.092	84	17466m	0.686	ug/l	
21) trans-1,2-Dichloroethene	5.599	96	7706m	0.371	ug/l	
22) Diisopropyl ether	6.492	45	28989	0.327	ug/l #	89
23) Vinyl Acetate	6.439	43	98570m	1.439	ug/l	
24) 1,1-Dichloroethane	6.396	63	16676	0.370	ug/l	97
25) 2-Butanone	7.348	43	41085	1.691	ug/l #	86
26) 2,2-Dichloropropane	7.332	77	11253	0.319	ug/l #	74
27) cis-1,2-Dichloroethene	7.332	96	10503m	0.408	ug/l	
28) Bromochloromethane	7.664	49	10649	0.461	ug/l	83
29) Tetrahydrofuran	7.699	42	25455	1.707	ug/l #	85
30) Chloroform	7.823	83	18297	0.396	ug/l	97
31) Cyclohexane	8.088	56	76506	1.684	ug/l #	53
32) 1,1,1-Trichloroethane	8.013	97	13953	0.362	ug/l #	45
36) 1,1-Dichloropropene	8.222	75	10776	0.321	ug/l	98
37) Ethyl Acetate	7.415	43	15724m	0.347	ug/l	
38) Carbon Tetrachloride	8.204	117	11722	0.362	ug/l #	86
39) Methylcyclohexane	9.461	83	14769	0.354	ug/l	86
40) Benzene	8.466	78	40217	0.388	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.651	41	10143m	0.433	ug/l	
42) 1,2-Dichloroethane	8.533	62	19327	0.477	ug/l	87
43) Isopropyl Acetate	8.566	43	23152	0.318	ug/l #	85
44) Trichloroethene	9.215	130	10604	0.428	ug/l	97
45) 1,2-Dichloropropane	9.496	63	10518m	0.380	ug/l	
46) Dibromomethane	9.579	93	5918	0.319	ug/l	95
47) Bromodichloromethane	9.759	83	11998	0.347	ug/l	85
48) Methyl methacrylate	9.558	41	8803	0.257	ug/l	95
49) 1,4-Dioxane	9.571	88	3449m	5.643	ug/l	
51) 4-Methyl-2-Pentanone	10.333	43	72372	1.539	ug/l	94
52) Toluene	10.507	92	24769	0.384	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	9658	0.267	ug/l #	82
54) cis-1,3-Dichloropropene	10.191	75	11198	0.284	ug/l	95
55) 1,1,2-Trichloroethane	10.902	97	9967	0.383	ug/l	93
56) Ethyl methacrylate	10.759	69	12624	0.293	ug/l	90
57) 1,3-Dichloropropane	11.046	76	15788	0.346	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.043	63	13521	1.355	ug/l	91
59) 2-Hexanone	11.089	43	48512	1.385	ug/l	88
60) Dibromochloromethane	11.245	129	6000	0.247	ug/l	89
61) 1,2-Dibromoethane	11.352	107	9031	0.343	ug/l	97
64) Tetrachloroethene	10.979	164	8977	0.390	ug/l	95
65) Chlorobenzene	11.768	112	25943	0.366	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.843	131	6417	0.261	ug/l #	60
67) Ethyl Benzene	11.846	91	42448	0.325	ug/l	97
68) m/p-Xylenes	11.953	106	27415	0.570	ug/l	89
69) o-Xylene	12.280	106	14972	0.312	ug/l	89
70) Styrene	12.296	104	21938	0.285	ug/l	97
71) Bromoform	12.457	173	4255	0.242	ug/l #	29
73) Isopropylbenzene	12.580	105	37830	0.347	ug/l	99
74) N-amyl acetate	12.393	43	11536	0.250	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.830	83	14325	0.390	ug/l	95
76) 1,2,3-Trichloropropane	12.884	75	10597m	0.335	ug/l	
77) Bromobenzene	12.859	156	8975	0.360	ug/l	79
78) n-propylbenzene	12.921	91	41209	0.336	ug/l	98
79) 2-Chlorotoluene	13.007	91	23126	0.304	ug/l	93
80) 1,3,5-Trimethylbenzene	13.063	105	27985	0.317	ug/l	98
82) 4-Chlorotoluene	13.106	91	19737	0.273	ug/l	93
83) tert-Butylbenzene	13.326	119	23475	0.304	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	27049	0.318	ug/l	97
85) sec-Butylbenzene	13.500	105	28427	0.263	ug/l	98
86) p-Isopropyltoluene	13.618	119	20861	0.244	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	13961	0.323	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	15239m	0.359	ug/l	
89) n-Butylbenzene	13.943	91	17975	0.252	ug/l	97
90) Hexachloroethane	14.217	117	3939	0.280	ug/l	74
91) 1,2-Dichlorobenzene	13.991	146	14109	0.343	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.603	75	1715	0.289	ug/l #	44
93) 1,2,4-Trichlorobenzene	15.268	180	4341	0.239	ug/l #	91
94) Hexachlorobutadiene	15.370	225	2872	0.269	ug/l	98
95) Naphthalene	15.509	128	19555	0.402	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	3962	0.228	ug/l	93

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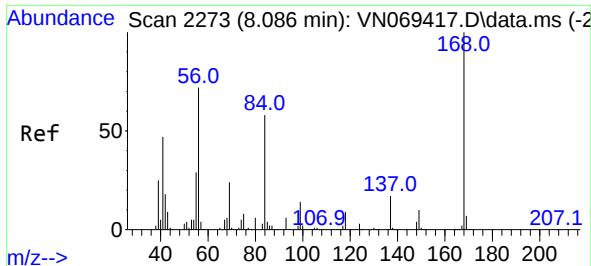
Manual Integrations
APPROVED

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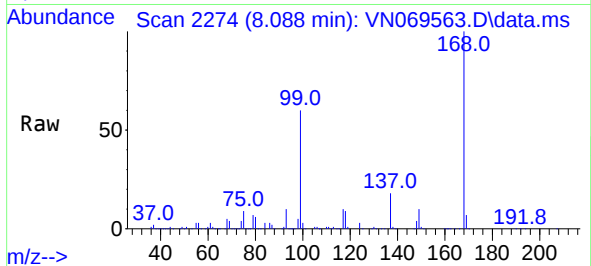
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
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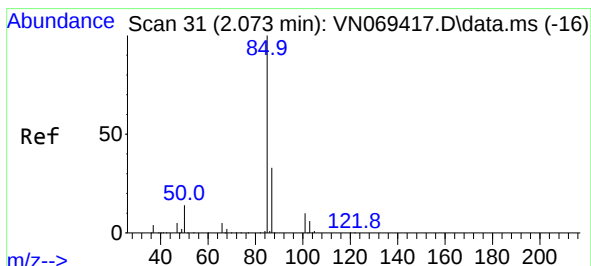
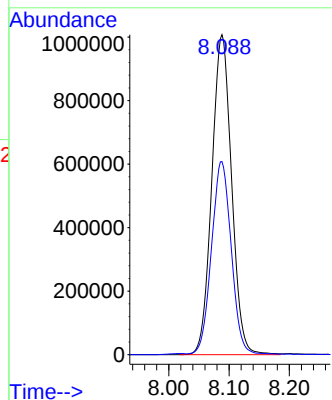
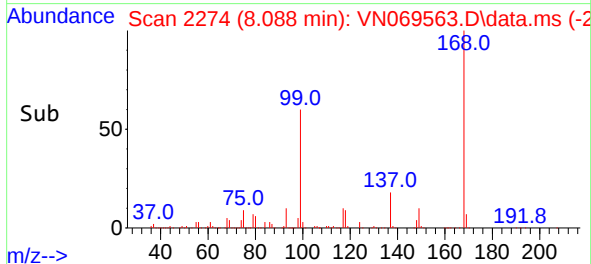
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:168 Resp: 229367
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9

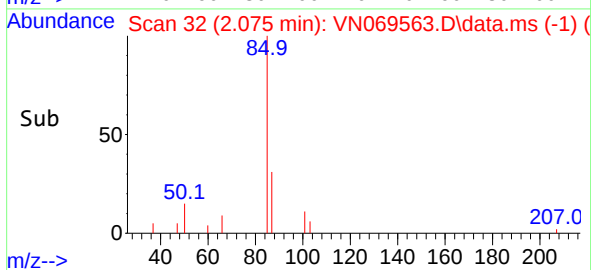
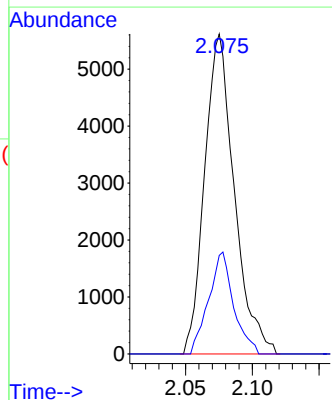
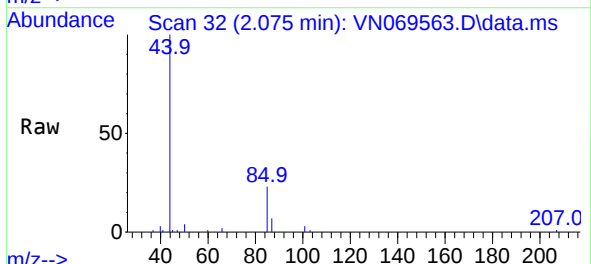
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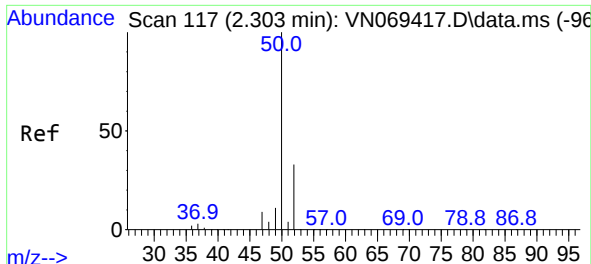
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#2
Dichlorodifluoromethane
Concen: 0.353 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

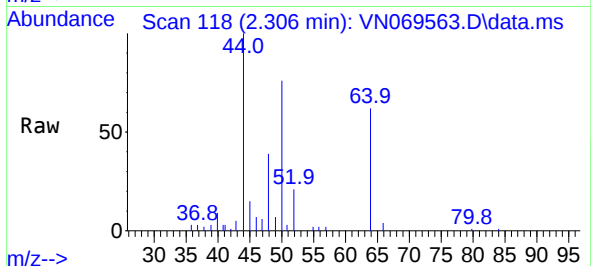
Tgt Ion: 85 Resp: 8661
Ion Ratio Lower Upper
85 100
87 30.8 16.3 48.9





#3
Chloromethane
Concen: 0.458 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

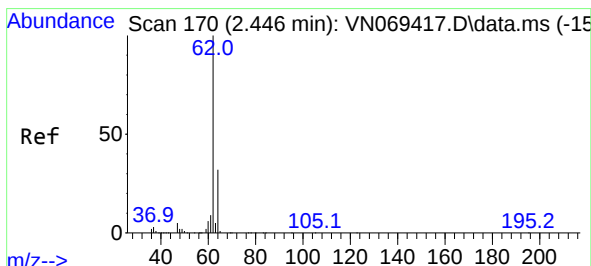
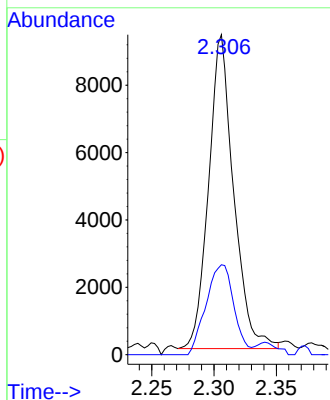
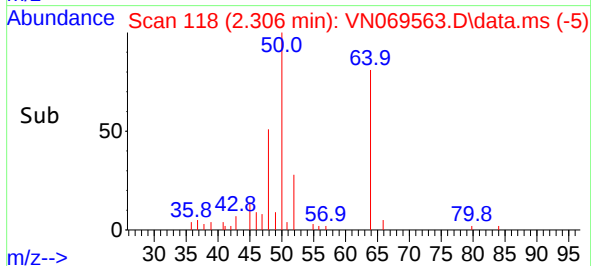
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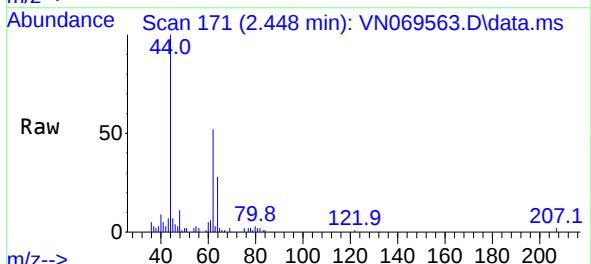
Tgt Ion: 50 Resp: 1301
Ion Ratio Lower Upper
50 100
52 28.7 25.4 38.0

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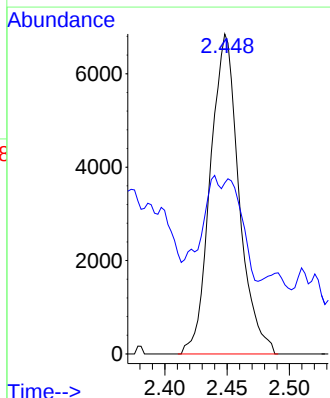
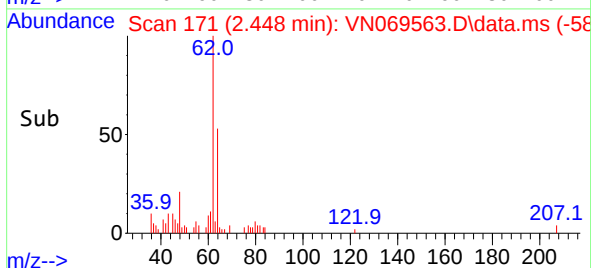
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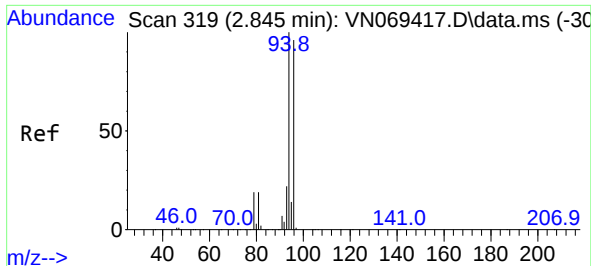


#4
Vinyl Chloride
Concen: 0.385 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.002 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33



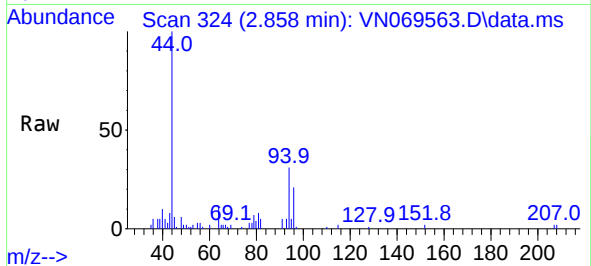
Tgt Ion: 62 Resp: 10953
Ion Ratio Lower Upper
62 100
64 28.1 25.8 38.6





#5
Bromomethane
Concen: 0.456 ug/l
RT: 2.858 min Scan# 319
Delta R.T. 0.013 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

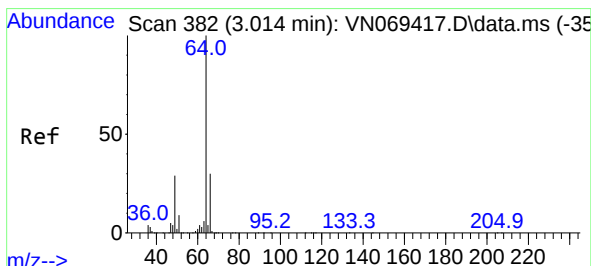
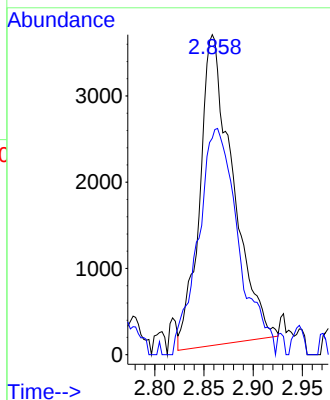
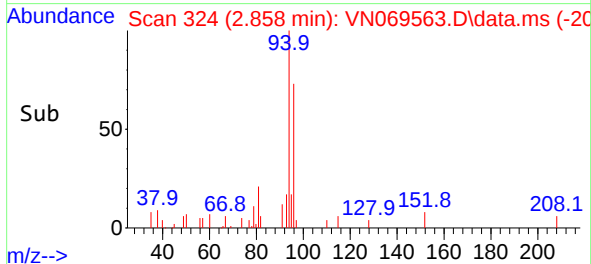
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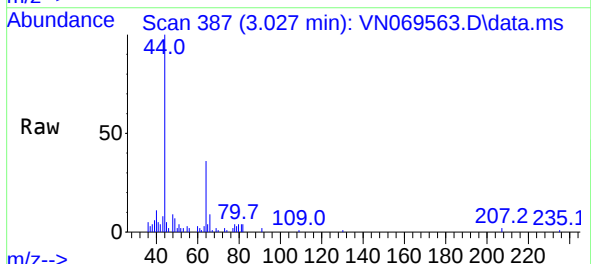
Tgt Ion: 94 Resp: 8430
Ion Ratio Lower Upper
94 100
96 65.0 73.8 110.8

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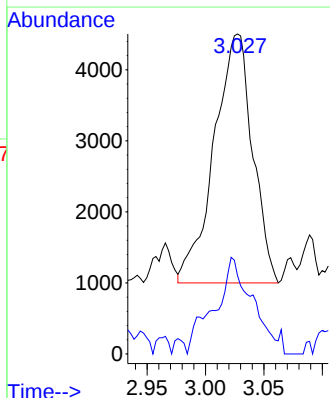
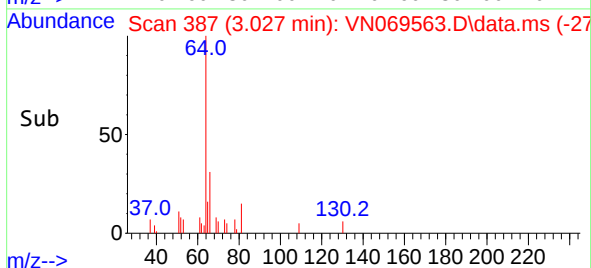
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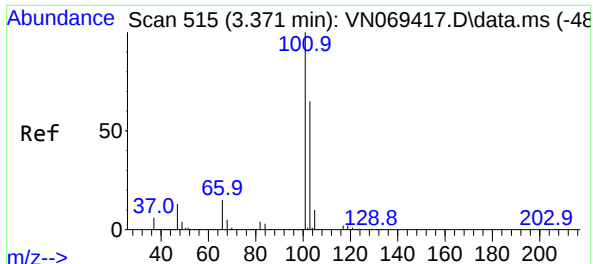


#6
Chloroethane
Concen: 0.419 ug/l
RT: 3.027 min Scan# 387
Delta R.T. 0.013 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33



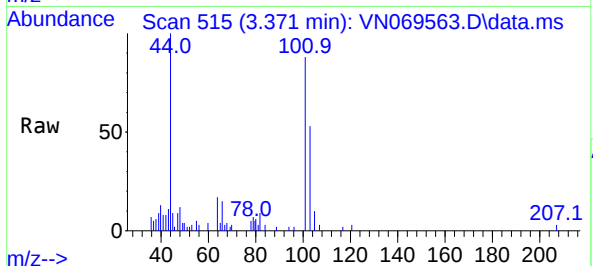
Tgt Ion: 64 Resp: 8045
Ion Ratio Lower Upper
64 100
66 26.4 26.3 39.5





#7
Trichlorofluoromethane
Concen: 0.397 ug/l m
RT: 3.371 min Scan# 515
Delta R.T. -0.000 min
Lab File: VN069563.D
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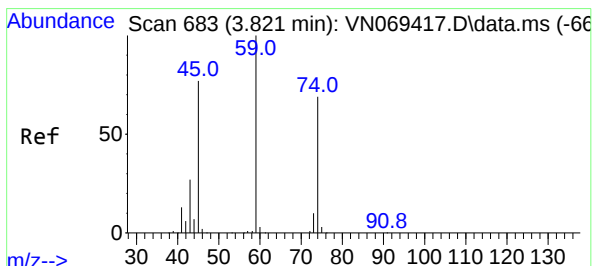
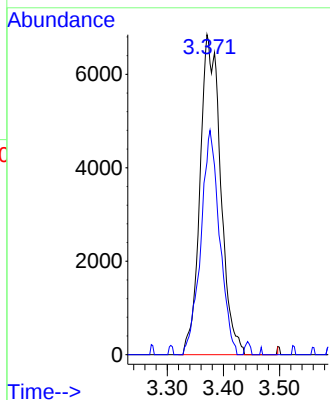
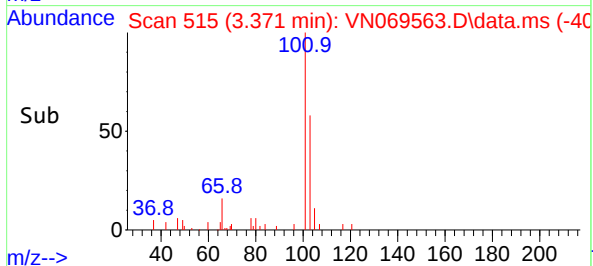
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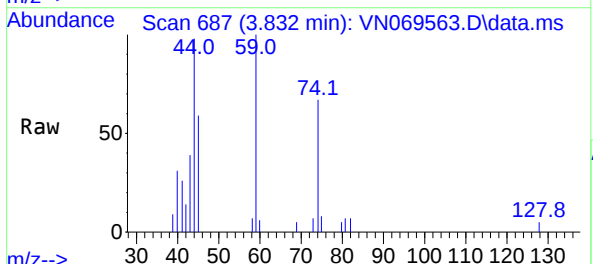
Tgt Ion:101 Resp: 17460
Ion Ratio Lower Upper
101 100
103 60.2 50.1 75.1

Manual Integrations
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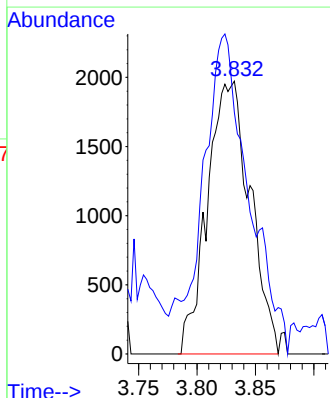
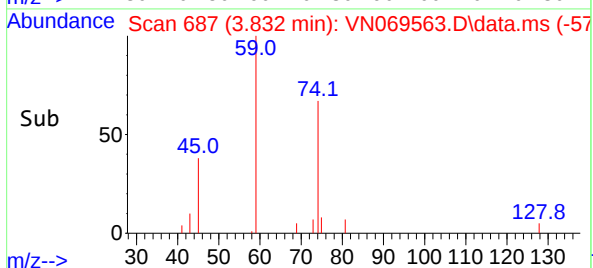
Reviewed By :John Carlone 11/19/2021
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#8
Diethyl Ether
Concen: 0.352 ug/l
RT: 3.832 min Scan# 687
Delta R.T. 0.011 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33



Tgt Ion: 74 Resp: 5012
Ion Ratio Lower Upper
74 100
45 120.1 47.0 141.2





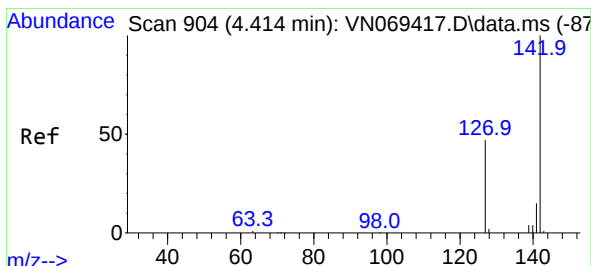
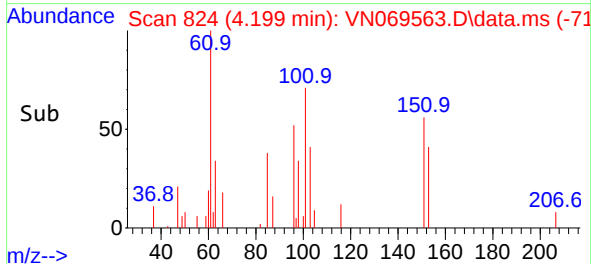
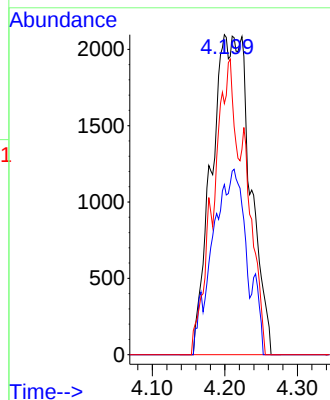
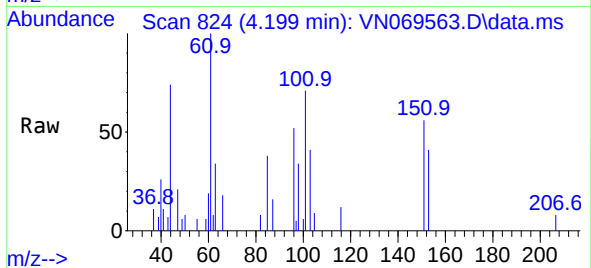
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.374 ug/l m
RT: 4.199 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN069563.D
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LOQ-WATER-02-QT4-2021

Tgt Ion:101 Resp: 775
Ion Ratio Lower Upper
101 100
85 13.3 37.2 55.8
151 23.8 65.9 98.9

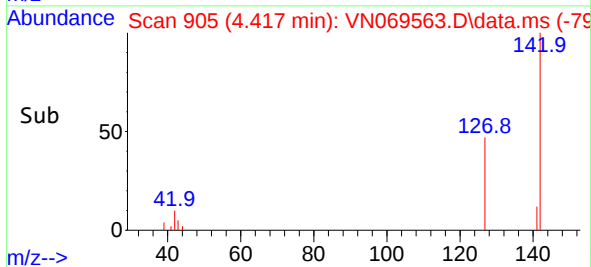
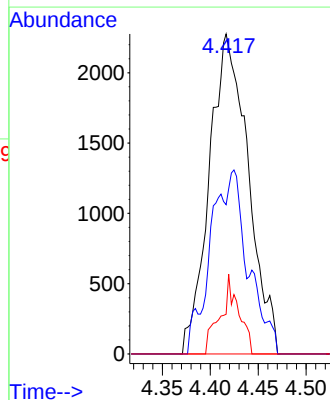
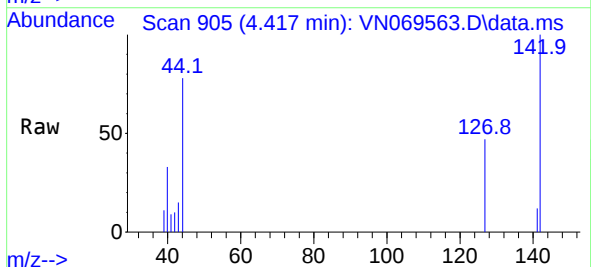
Manual Integrations
APPROVED

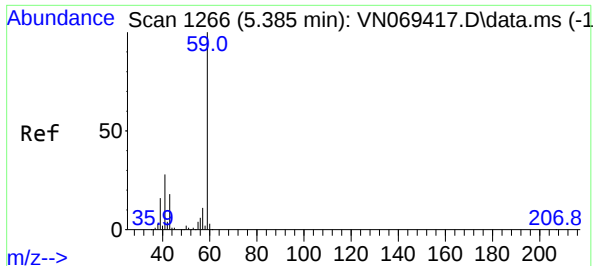
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#10
Methyl Iodide
Concen: 0.253 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

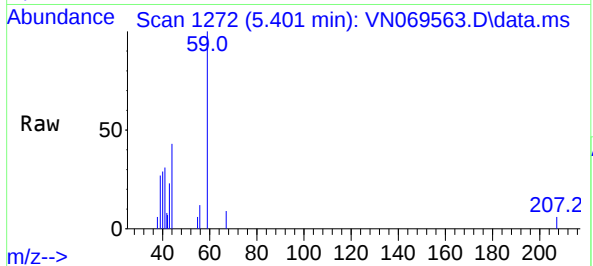
Tgt Ion:142 Resp: 6432
Ion Ratio Lower Upper
142 100
127 14.9 35.4 53.0
141 11.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 2.880 ug/l m
RT: 5.401 min Scan# 11
Delta R.T. 0.016 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

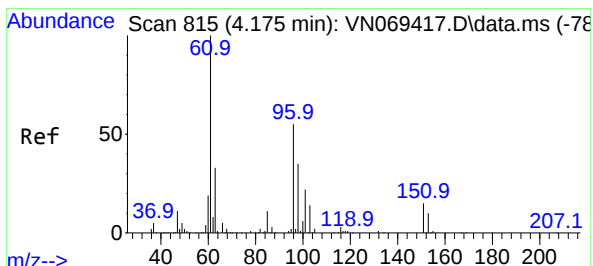
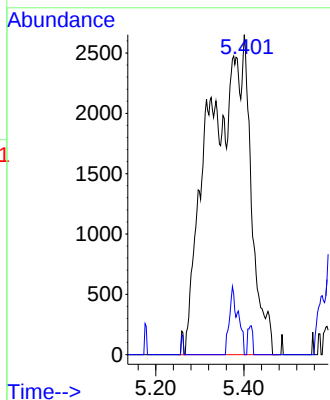
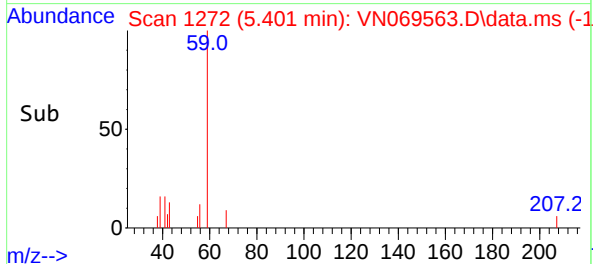
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



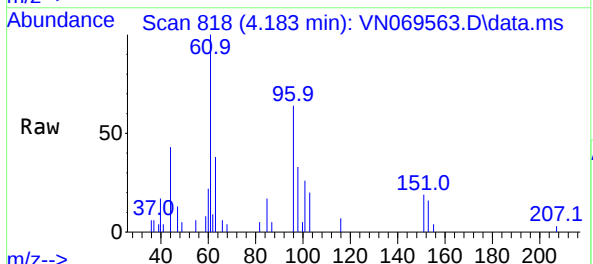
Tgt Ion: 59 Resp: 1725
Ion Ratio Lower Upper
59 100
57 2.9 8.7 13.1

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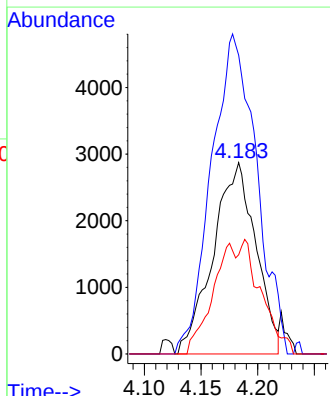
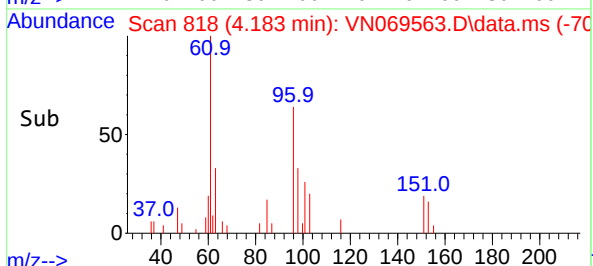
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#12
1,1-Dichloroethene
Concen: 0.405 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.008 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33



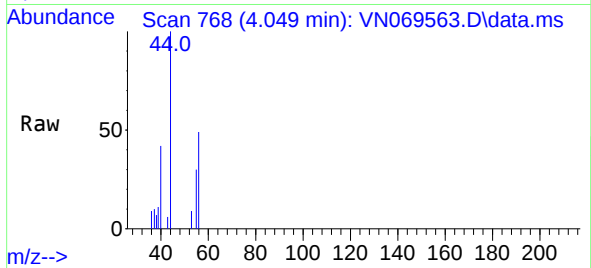
Tgt Ion: 96 Resp: 7525
Ion Ratio Lower Upper
96 100
61 150.5 131.0 196.6
98 51.8 52.4 78.6





#13
Acrolein
Concen: 3.286 ug/l m
RT: 4.049 min Scan# 709
Delta R.T. 0.008 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

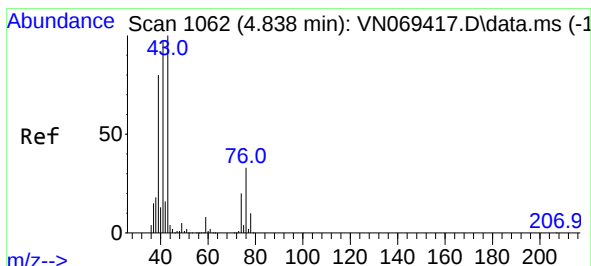
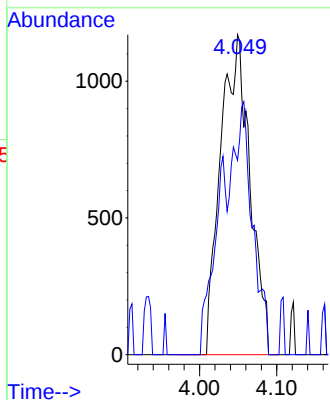
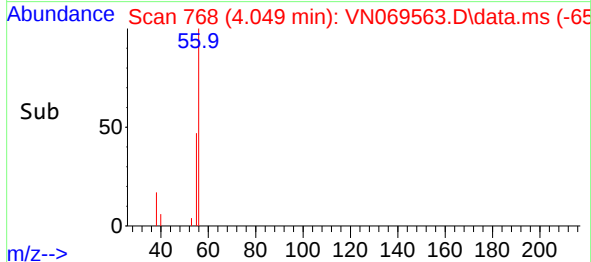
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



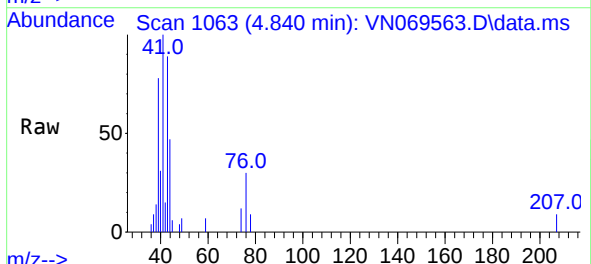
Tgt Ion: 56 Resp: 3094
Ion Ratio Lower Upper
56 100
55 28.0 56.6 85.0

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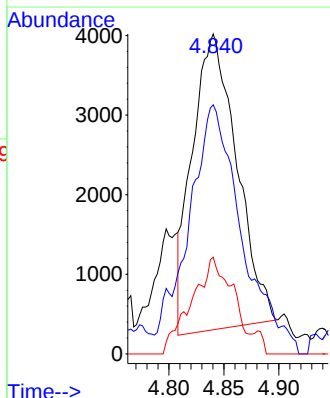
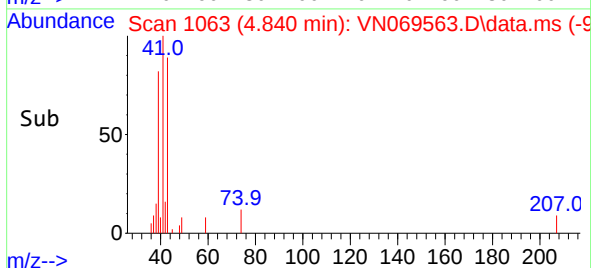
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

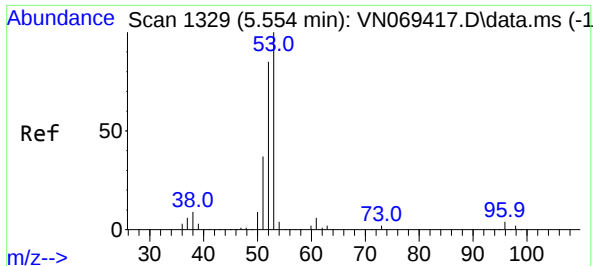


#14
Allyl chloride
Concen: 0.255 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.002 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33



Tgt Ion: 41 Resp: 10477
Ion Ratio Lower Upper
41 100
39 100.4 61.2 91.8#
76 30.4 26.0 39.0





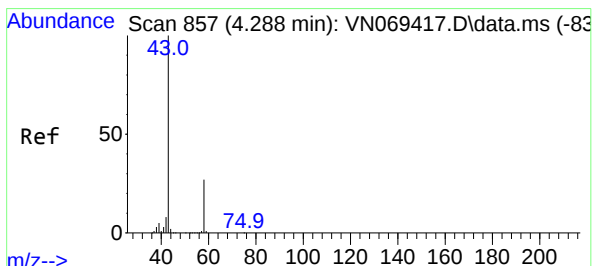
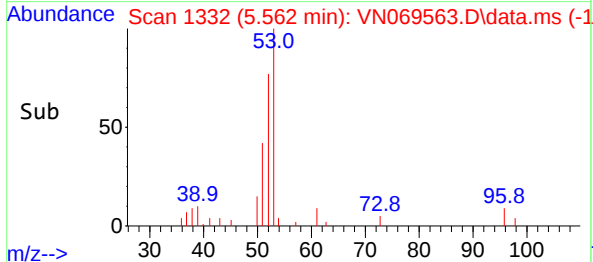
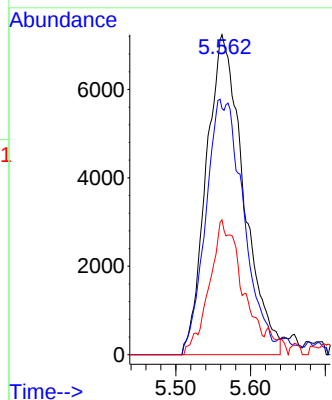
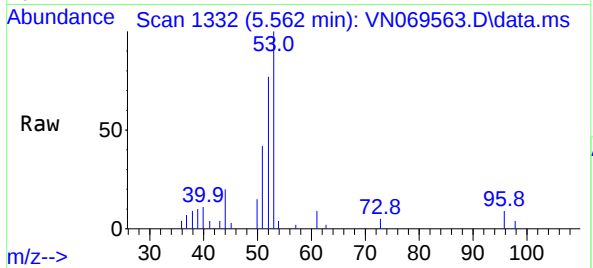
#15
Acrylonitrile
Concen: 1.630 ug/l
RT: 5.562 min Scan# 11
Delta R.T. 0.008 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 53 Resp: 2501
Ion Ratio Lower Upper
53 100
52 40.0 66.2 99.2
51 36.9 29.6 44.4

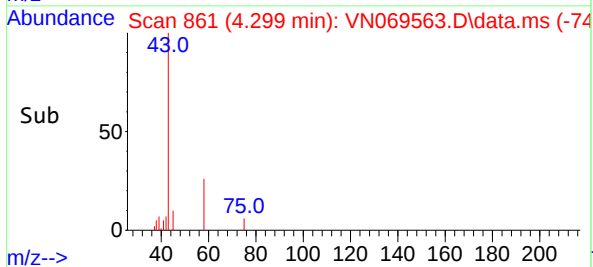
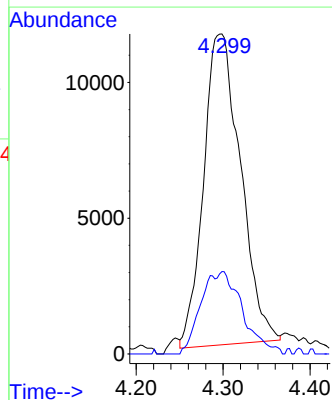
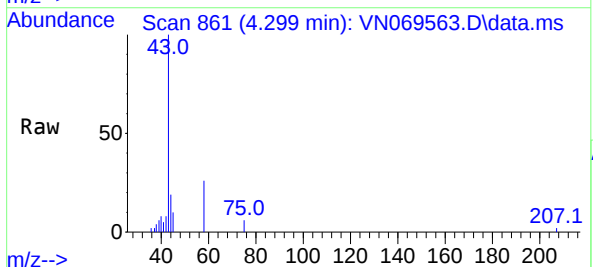
Manual Integrations
APPROVED

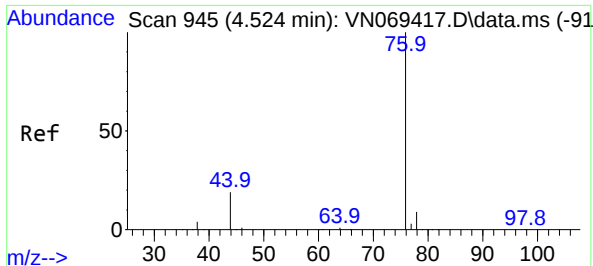
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#16
Acetone
Concen: 1.886 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

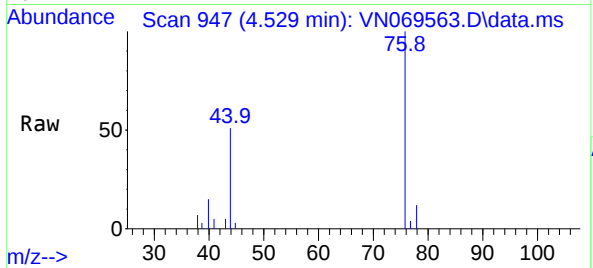
Tgt Ion: 43 Resp: 33846
Ion Ratio Lower Upper
43 100
58 26.9 23.1 34.7





#17
Carbon Disulfide
Concen: 0.317 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

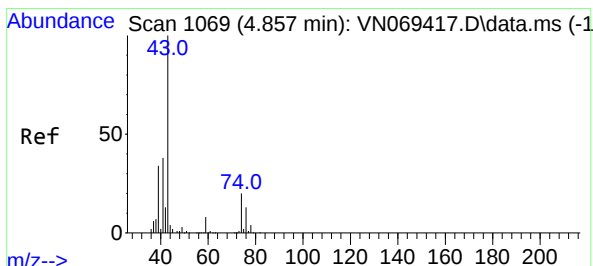
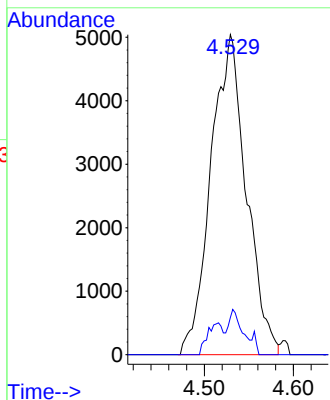
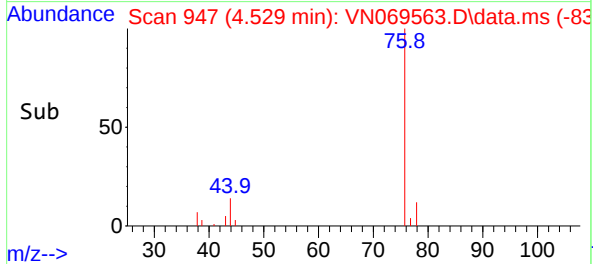
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 76 Resp: 13920
Ion Ratio Lower Upper
76 100
78 11.6 7.5 11.3

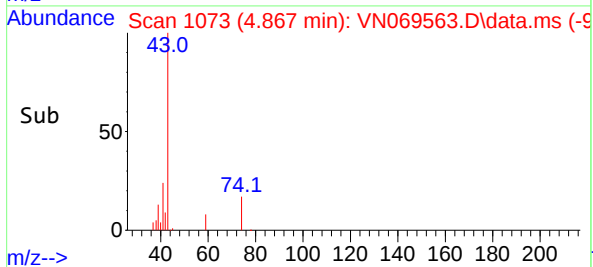
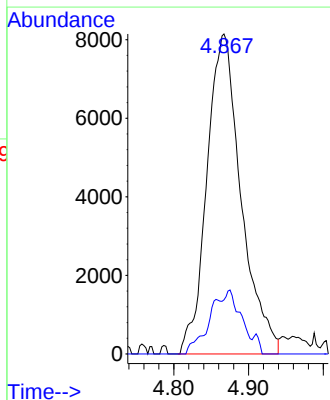
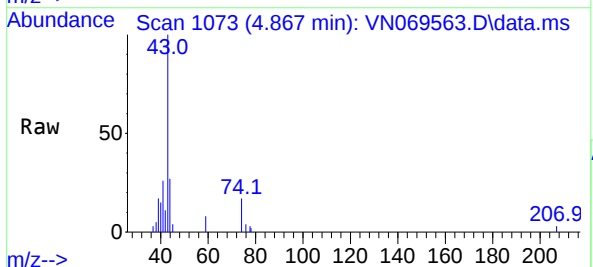
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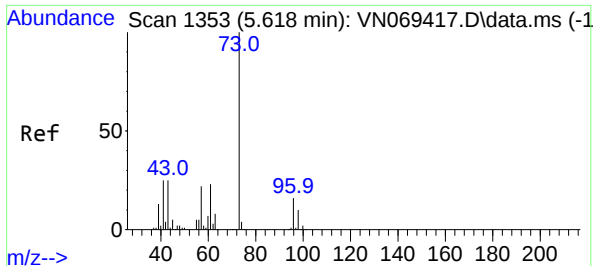
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#18
Methyl Acetate
Concen: 0.444 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.010 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

Tgt Ion: 43 Resp: 25894
Ion Ratio Lower Upper
43 100
74 8.2 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 0.366 ug/l

RT: 5.629 min Scan# 1157

Delta R.T. 0.011 min

Lab File: VN069563.D

Acq: 18 Nov 2021 19:33

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 73 Resp: 2881

Ion Ratio Lower Upper

73 100

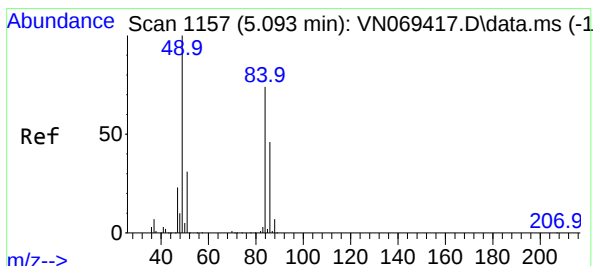
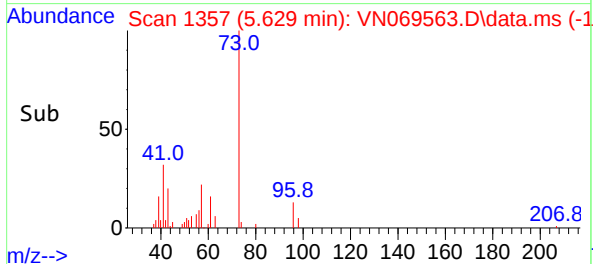
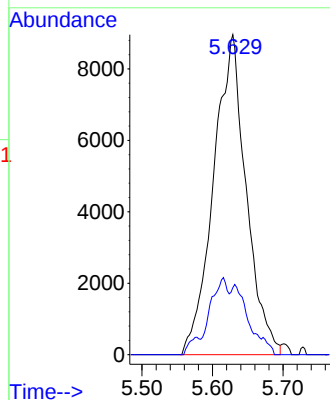
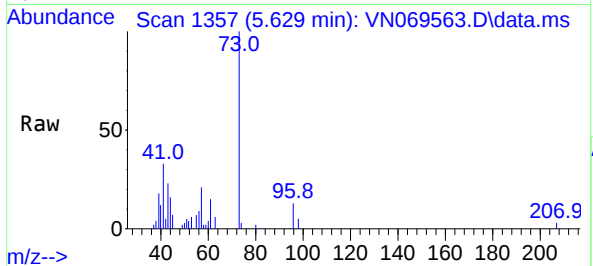
57 20.9 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 11/19/2021

Supervised By :Semsettin Yesilyurt 11/19/2021



#20

Methylene Chloride

Concen: 0.686 ug/l m

RT: 5.092 min Scan# 1157

Delta R.T. -0.001 min

Lab File: VN069563.D

Acq: 18 Nov 2021 19:33

Tgt Ion: 84 Resp: 17466

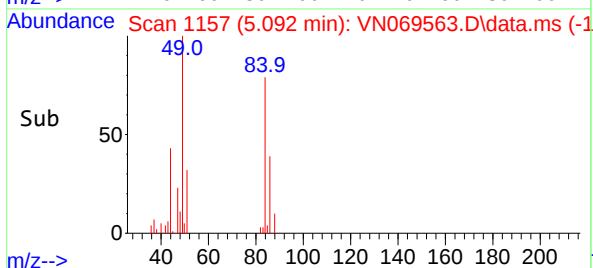
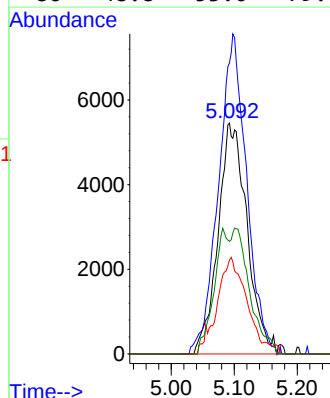
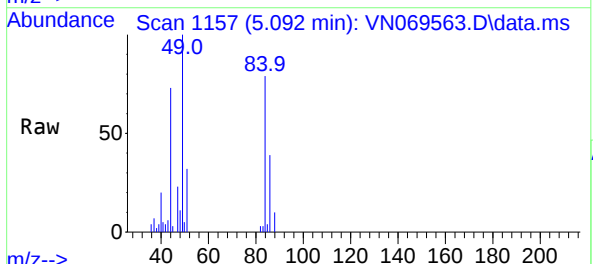
Ion Ratio Lower Upper

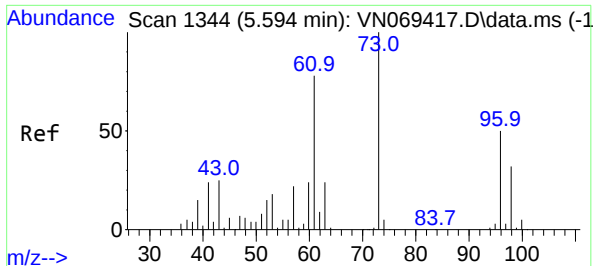
84 100

49 126.1 93.5 140.3

51 40.7 29.4 44.2

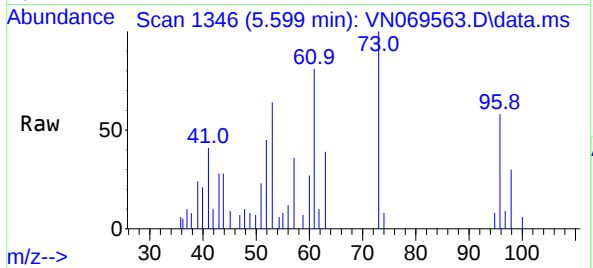
86 48.8 53.0 79.4#





#21
trans-1,2-Dichloroethene
Concen: 0.371 ug/l m
RT: 5.599 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

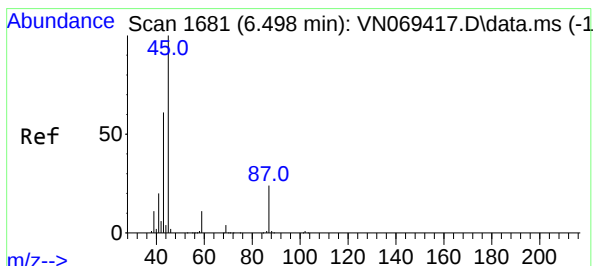
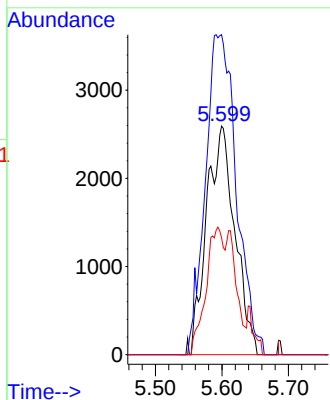
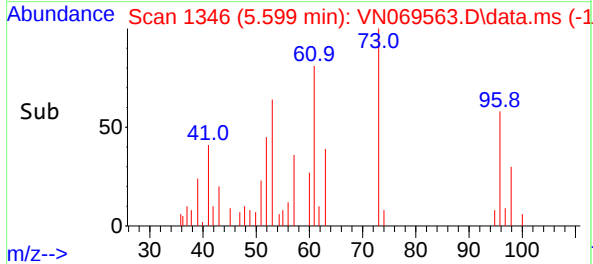
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



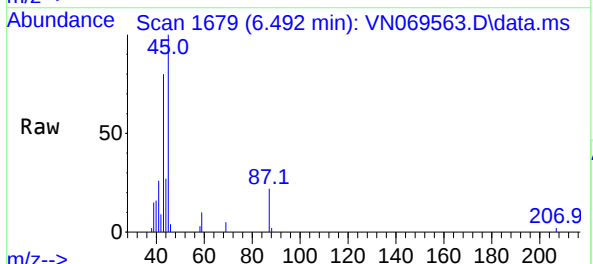
Tgt Ion: 96 Resp: 7700
Ion Ratio Lower Upper
96 100
61 140.0 105.8 158.6
98 51.1 52.0 78.0

Manual Integrations
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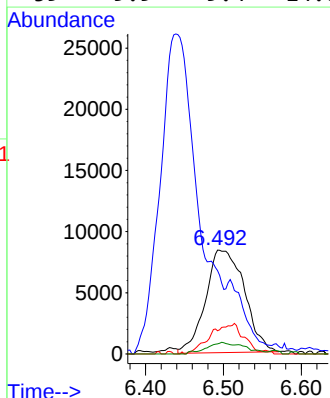
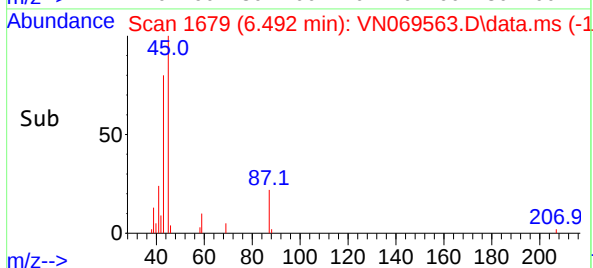
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

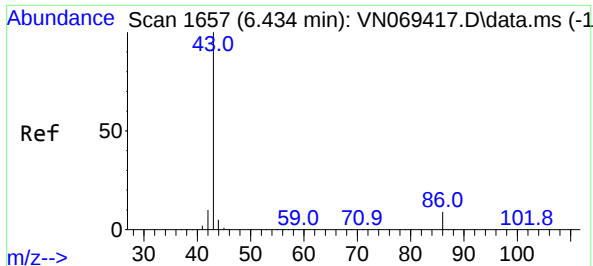


#22
Diisopropyl ether
Concen: 0.327 ug/l
RT: 6.492 min Scan# 1679
Delta R.T. -0.006 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33



Tgt Ion: 45 Resp: 28989
Ion Ratio Lower Upper
45 100
43 74.1 51.7 77.5
87 22.9 23.2 34.8#
59 9.9 9.4 14.0





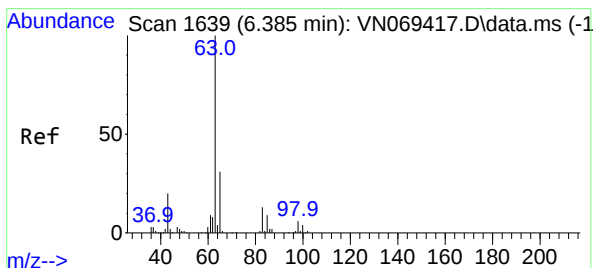
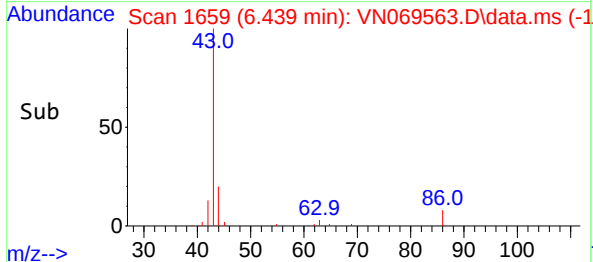
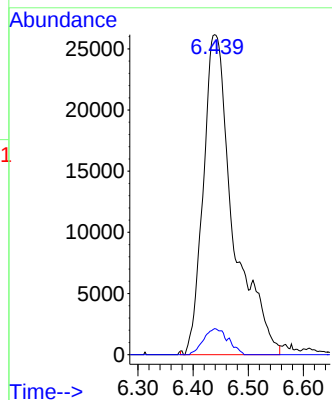
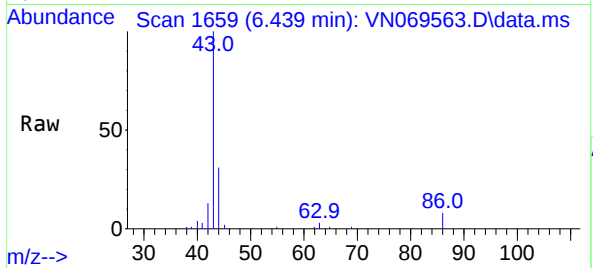
#23
 Vinyl Acetate
 Concen: 1.439 ug/l m
 RT: 6.439 min Scan# 1657
 Delta R.T. 0.005 min
 Lab File: VN069563.D
 Acq: 18 Nov 2021 19:33

Instrument : MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

Tgt Ion: 43 Resp: 98570
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.5 12.7

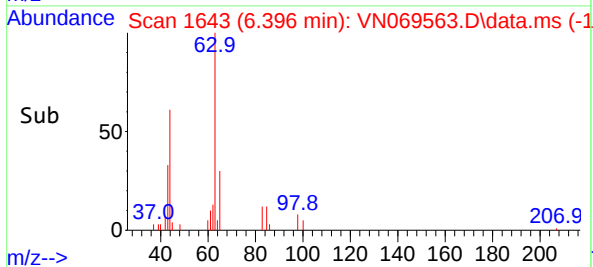
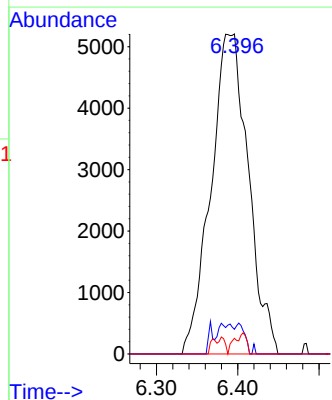
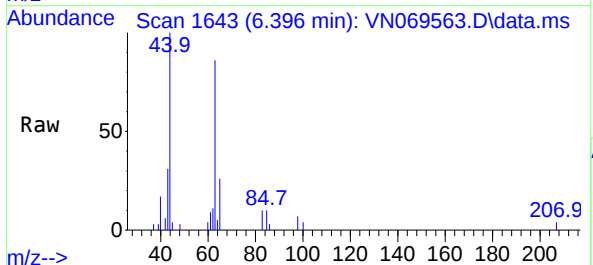
Manual Integrations
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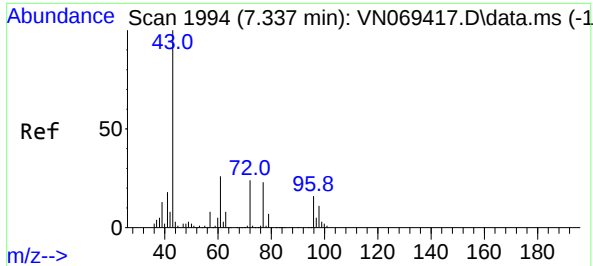
Reviewed By :John Carlone 11/19/2021
 Supervised By :Semsettin Yesilyurt 11/19/2021



#24
 1,1-Dichloroethane
 Concen: 0.370 ug/l
 RT: 6.396 min Scan# 1643
 Delta R.T. 0.011 min
 Lab File: VN069563.D
 Acq: 18 Nov 2021 19:33

Tgt Ion: 63 Resp: 16676
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.9
 100 4.9 2.1 6.5





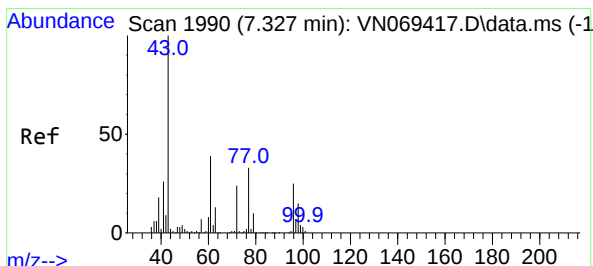
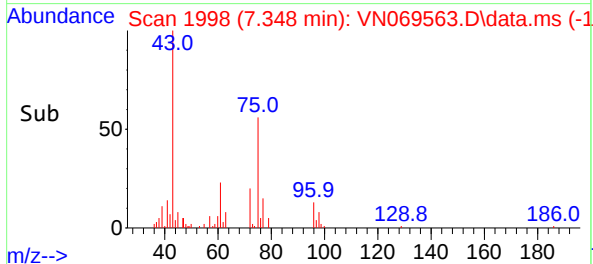
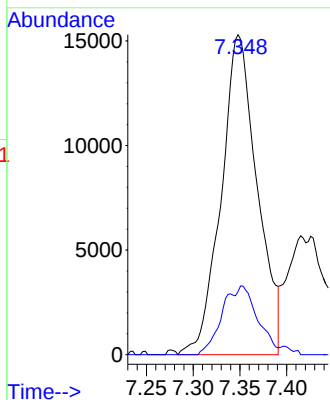
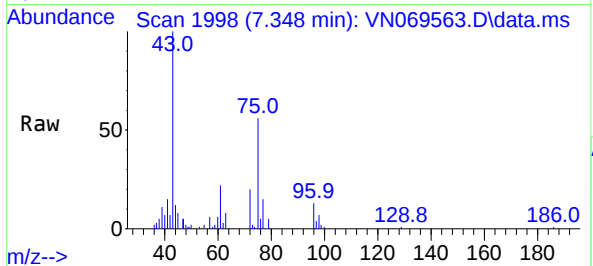
#25
2-Butanone
Concen: 1.691 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.011 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 43 Resp: 4108
Ion Ratio Lower Upper
43 100
72 19.8 21.7 32.5

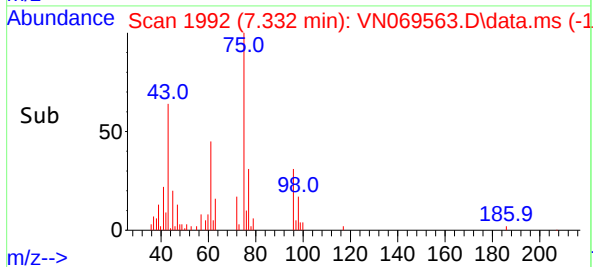
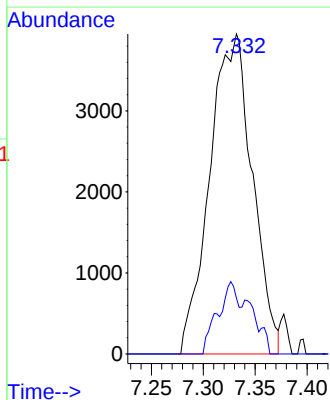
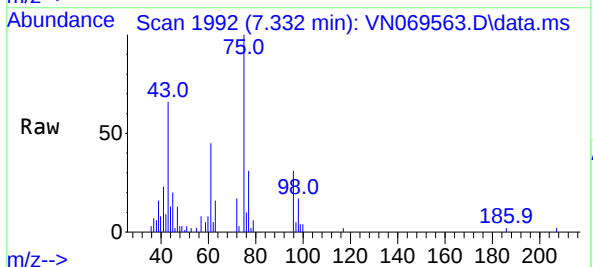
Manual Integrations
APPROVED

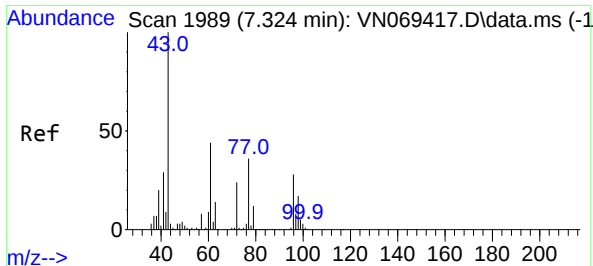
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#26
2,2-Dichloropropane
Concen: 0.319 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. 0.005 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

Tgt Ion: 77 Resp: 11253
Ion Ratio Lower Upper
77 100
97 10.5 11.6 34.8





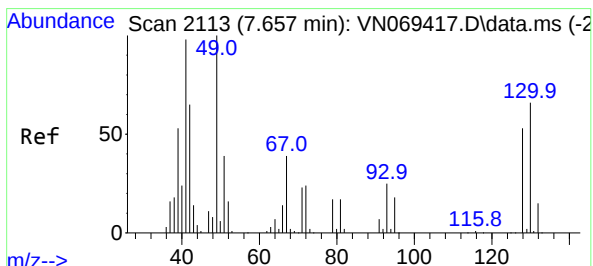
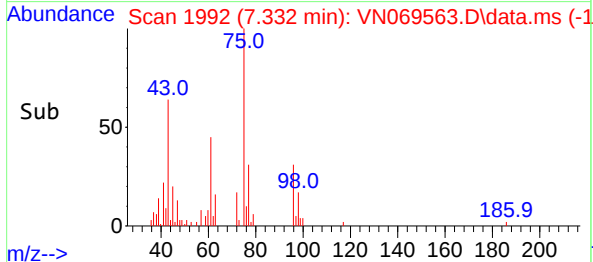
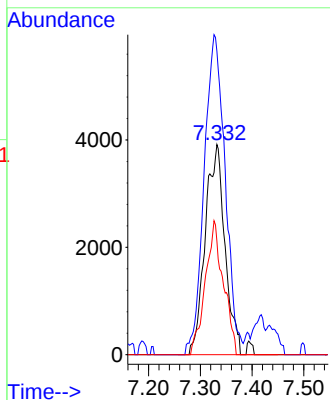
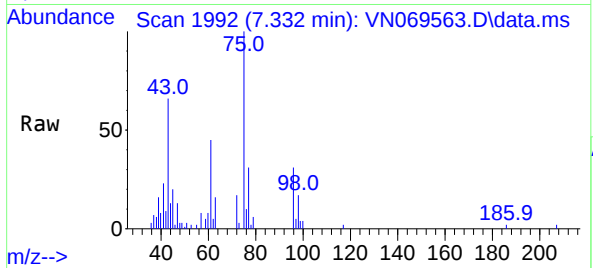
#27
cis-1,2-Dichloroethene
Concen: 0.408 ug/l m
RT: 7.332 min Scan# 1989
Delta R.T. 0.008 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 96 Resp: 1050
Ion Ratio Lower Upper
96 100
61 160.1 0.0 275.0
98 57.5 0.0 129.6

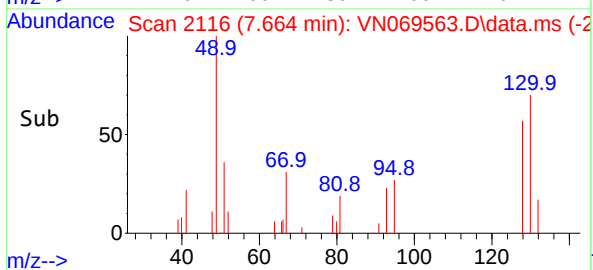
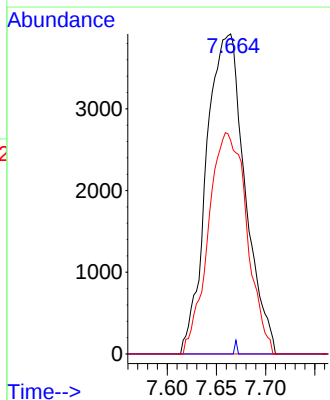
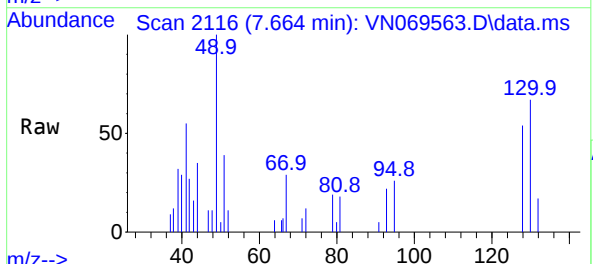
Manual Integrations
APPROVED

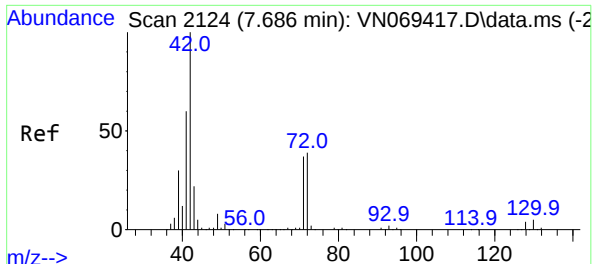
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#28
Bromochloromethane
Concen: 0.461 ug/l
RT: 7.664 min Scan# 2116
Delta R.T. 0.007 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

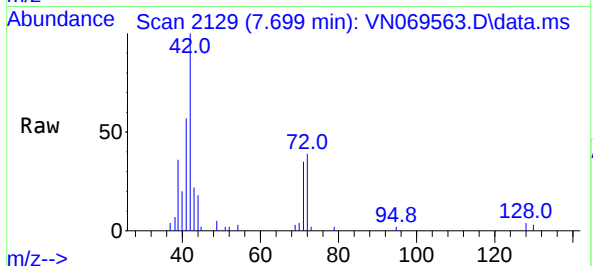
Tgt Ion: 49 Resp: 10649
Ion Ratio Lower Upper
49 100
129 0.3 0.0 4.0
130 69.3 67.8 101.8





#29
Tetrahydrofuran
Concen: 1.707 ug/l
RT: 7.699 min Scan# 2129
Delta R.T. 0.013 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

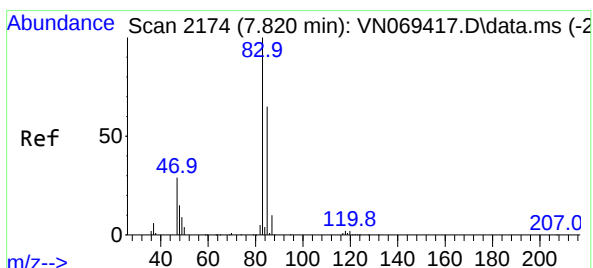
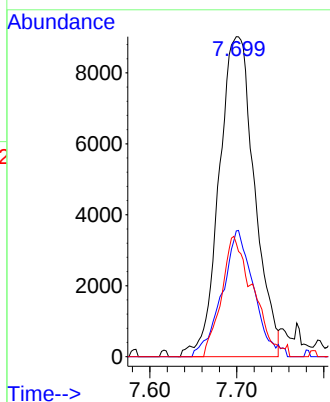
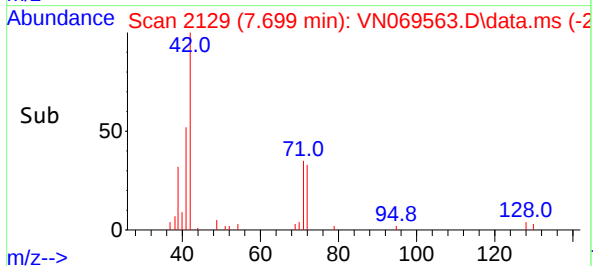
Instrument : MSVOA_N
ClientSampleId : VN069563.D
LOQ-WATER-02-QT4-2021



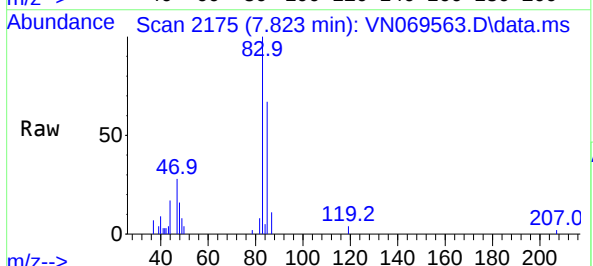
Tgt Ion: 42 Resp: 2545
Ion Ratio Lower Upper
42 100
72 35.5 36.3 54.5
71 33.8 34.7 52.1

Manual Integrations
APPROVED

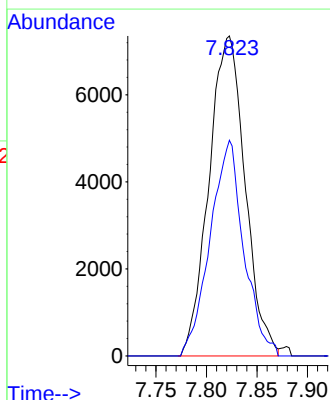
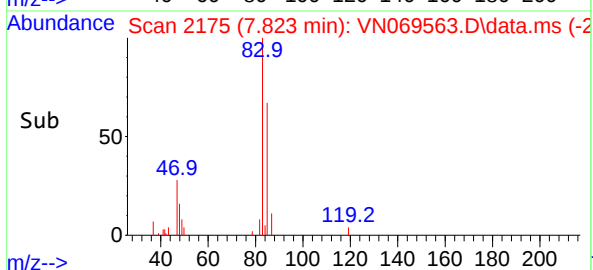
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

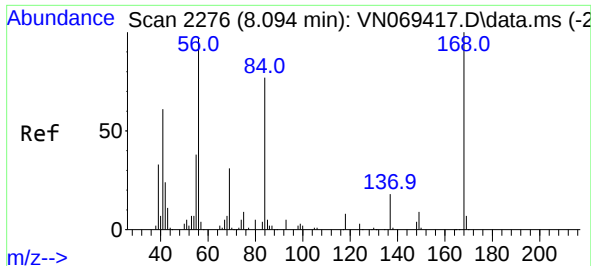


#30
Chloroform
Concen: 0.396 ug/l
RT: 7.823 min Scan# 2175
Delta R.T. 0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33



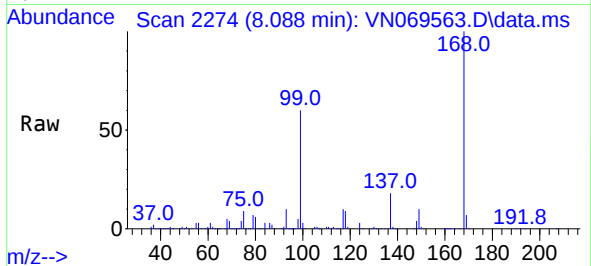
Tgt Ion: 83 Resp: 18297
Ion Ratio Lower Upper
83 100
85 67.4 51.9 77.9





#31
Cyclohexane
Concen: 1.684 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

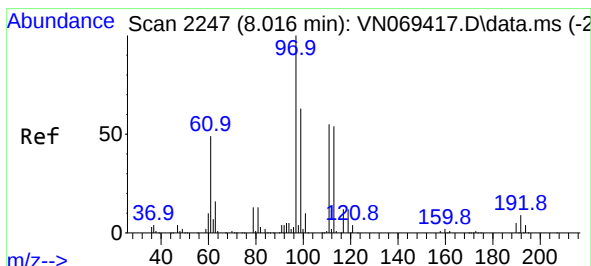
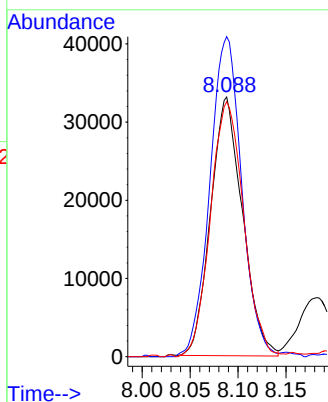
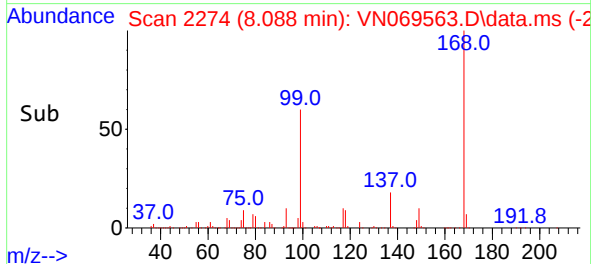
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



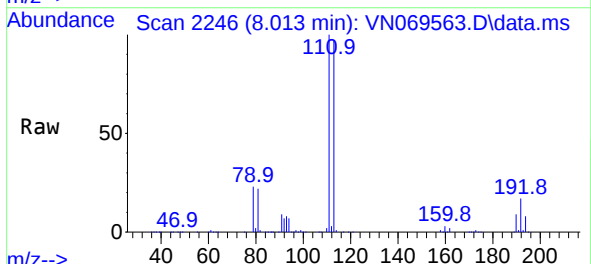
Tgt Ion: 56 Resp: 76500
Ion Ratio Lower Upper
56 100
69 123.0 27.1 40.7
84 98.7 73.4 110.0

Manual Integrations
APPROVED

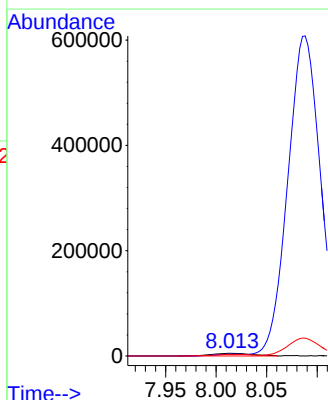
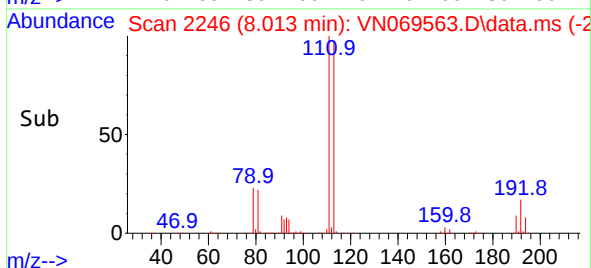
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#32
1,1,1-Trichloroethane
Concen: 0.362 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33



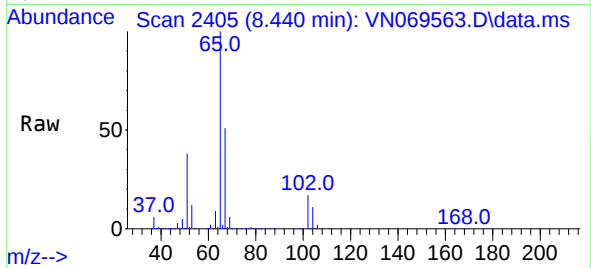
Tgt Ion: 97 Resp: 13953
Ion Ratio Lower Upper
97 100
99 0.0 50.1 75.1#
61 32.9 35.2 52.8#





#33
1,2-Dichloroethane-d4
Concen: 51.871 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

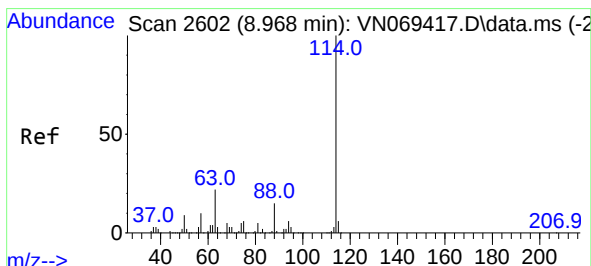
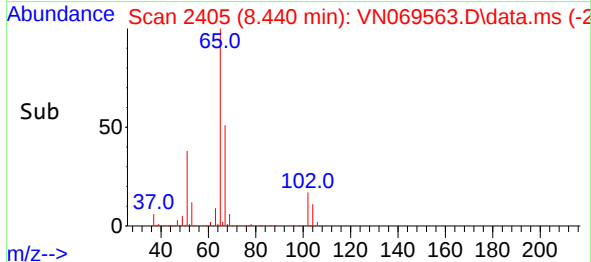
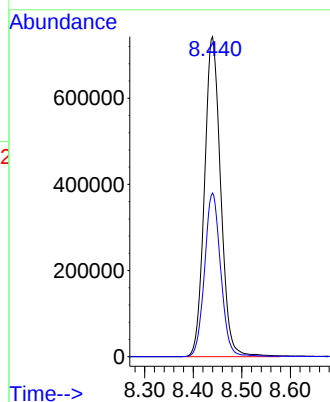
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 65 Resp: 1725062
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0

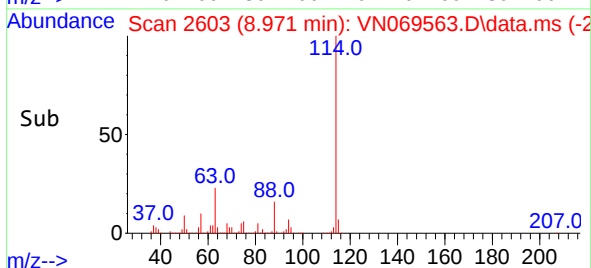
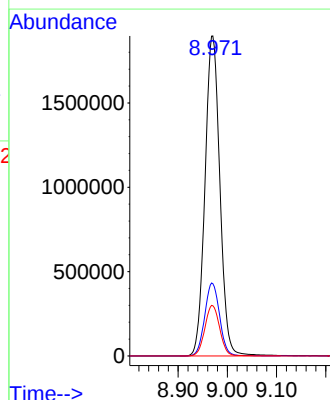
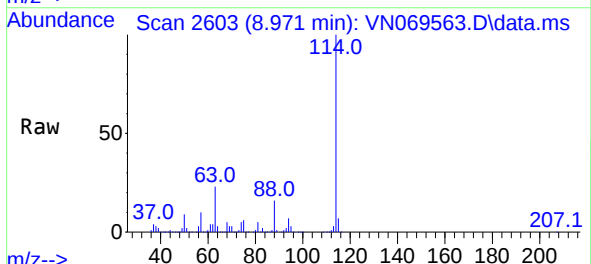
Manual Integrations
APPROVED

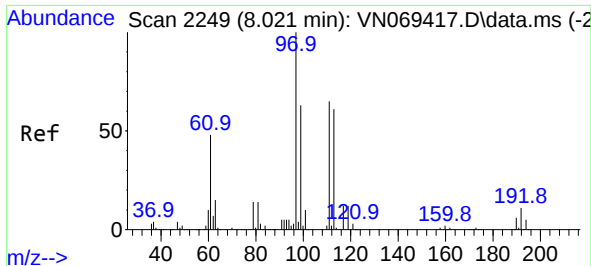
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

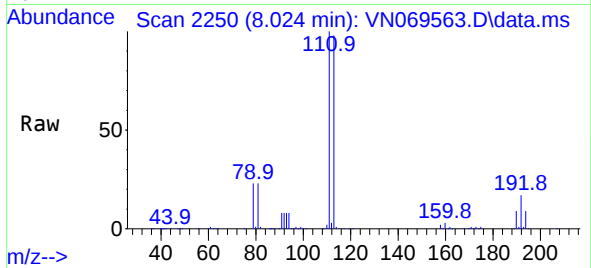
Tgt Ion:114 Resp: 3986927
Ion Ratio Lower Upper
114 100
63 22.6 0.0 37.8
88 15.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.536 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

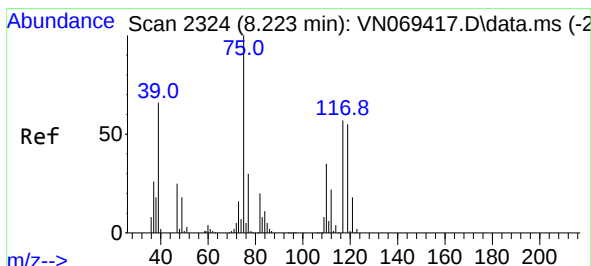
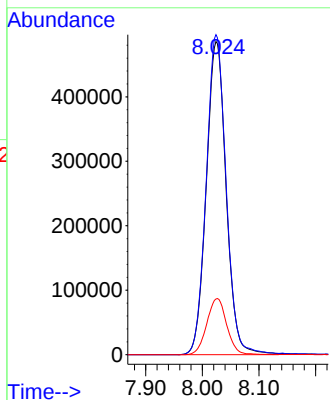
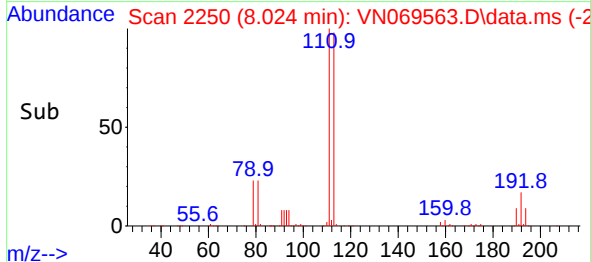
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:113 Resp: 118450
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 18.0 16.9 25.3

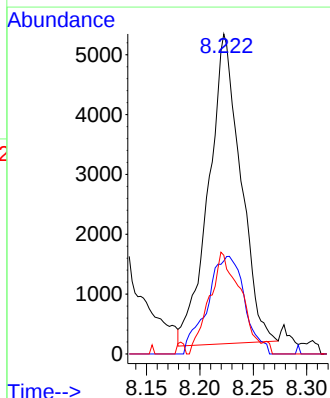
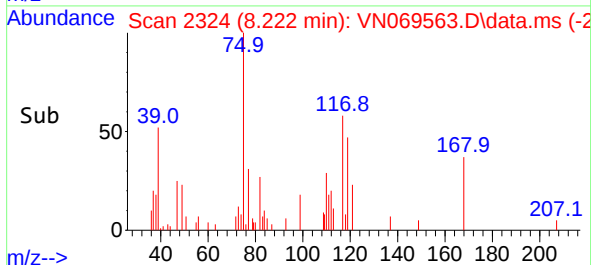
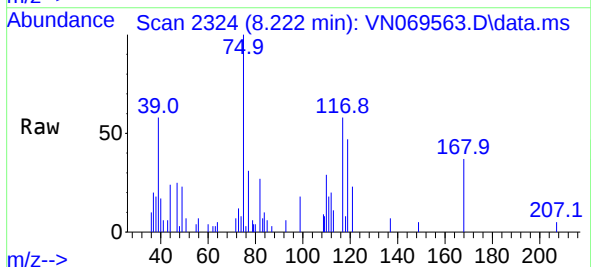
Manual Integrations
APPROVED

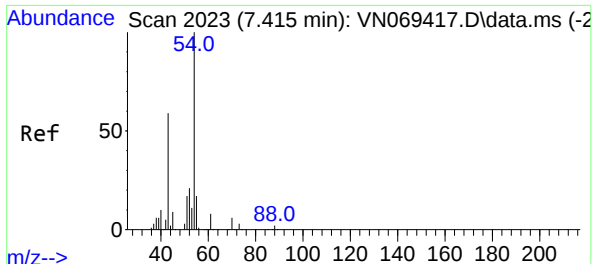
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#36
1,1-Dichloropropene
Concen: 0.321 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

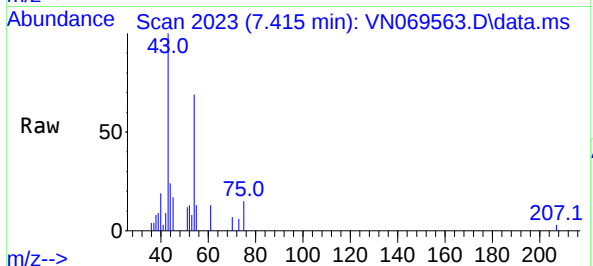
Tgt Ion: 75 Resp: 10776
Ion Ratio Lower Upper
75 100
110 36.7 18.4 55.2
77 32.8 24.4 36.6





#37
Ethyl Acetate
Concen: 0.347 ug/l m
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

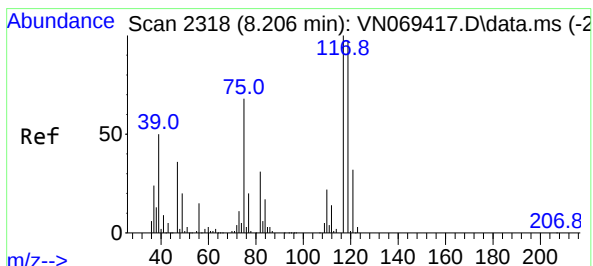
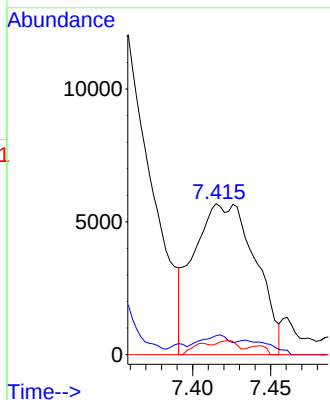
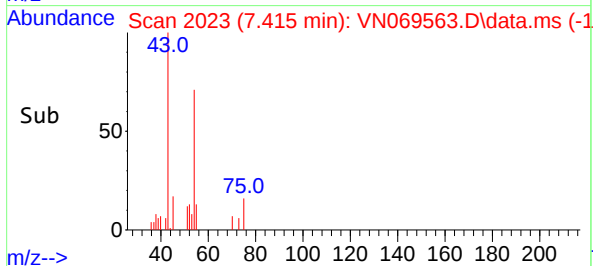
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 43 Resp: 15724
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3
70 3.3 7.9 11.9

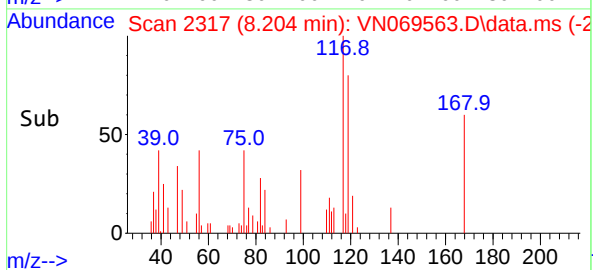
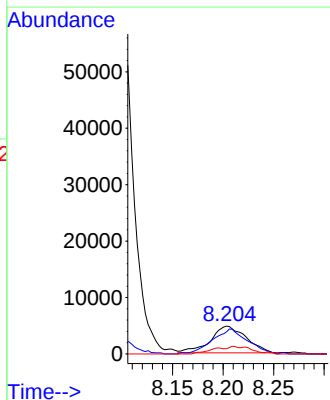
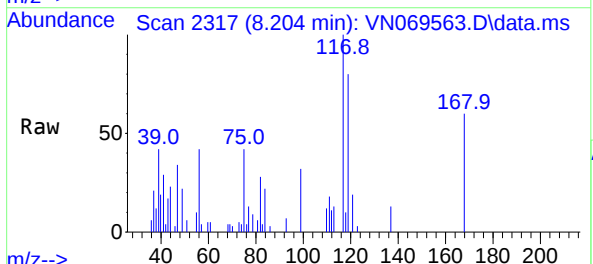
Manual Integrations
APPROVED

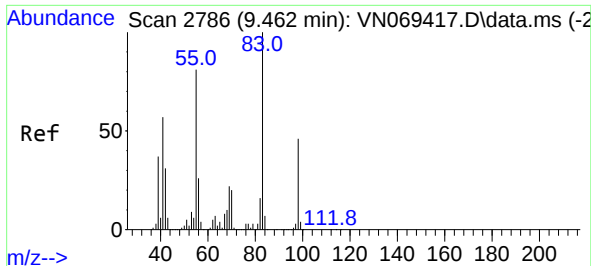
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#38
Carbon Tetrachloride
Concen: 0.362 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.002 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

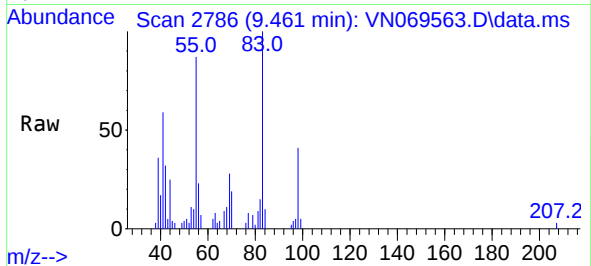
Tgt Ion:117 Resp: 11722
Ion Ratio Lower Upper
117 100
119 82.9 76.1 114.1
121 19.7 24.2 36.2





#39
Methylcyclohexane
Concen: 0.354 ug/l
RT: 9.461 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

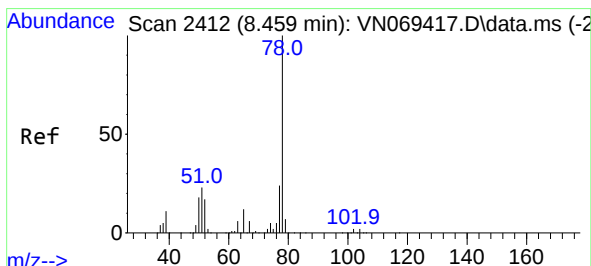
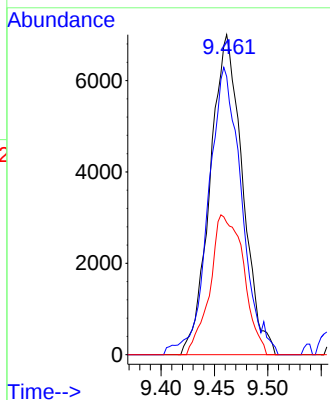
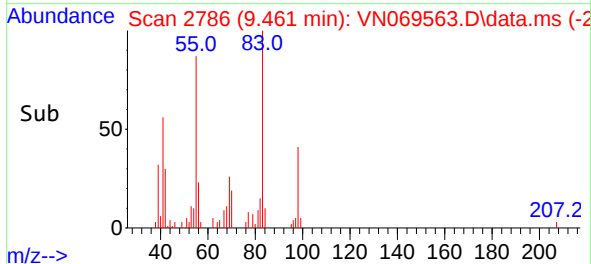
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 83 Resp: 14769
Ion Ratio Lower Upper
83 100
55 86.9 58.1 87.1
98 41.3 38.4 57.6

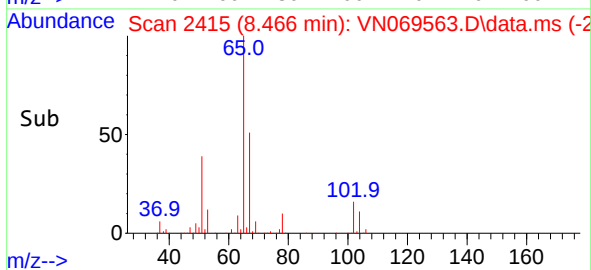
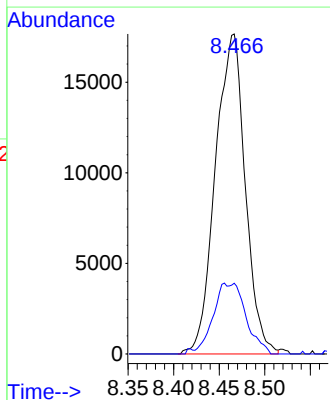
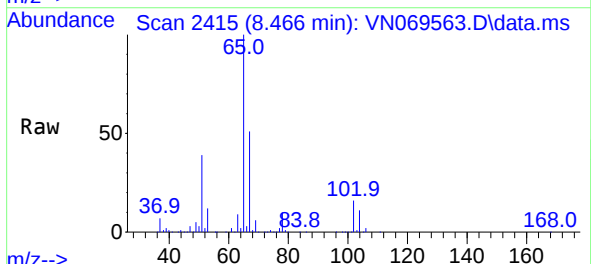
Manual Integrations
APPROVED

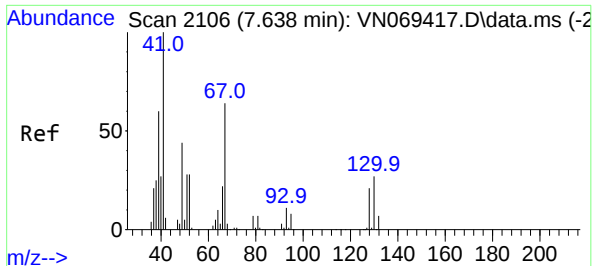
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#40
Benzene
Concen: 0.388 ug/l
RT: 8.466 min Scan# 2415
Delta R.T. 0.007 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

Tgt Ion: 78 Resp: 40217
Ion Ratio Lower Upper
78 100
77 22.1 18.6 27.8





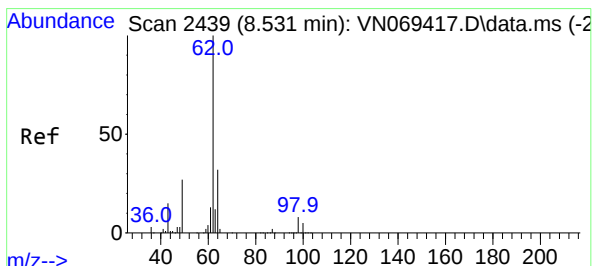
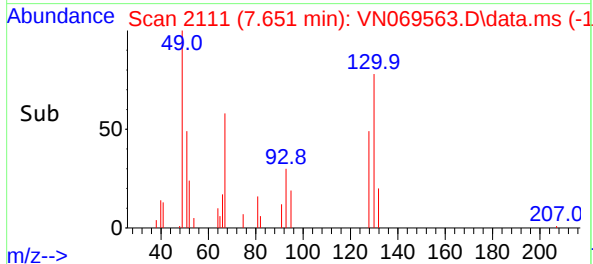
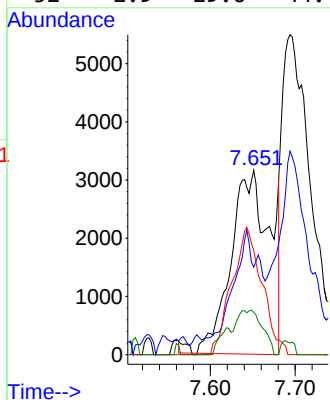
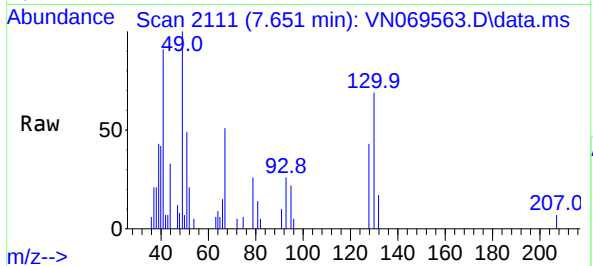
#41
Methacrylonitrile
Concen: 0.433 ug/l m
RT: 7.651 min Scan# 2106
Delta R.T. 0.013 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 41 Resp: 1014
Ion Ratio Lower Upper
41 100
39 25.6 48.1 72.1
67 53.2 68.3 102.5
52 2.9 29.6 44.4

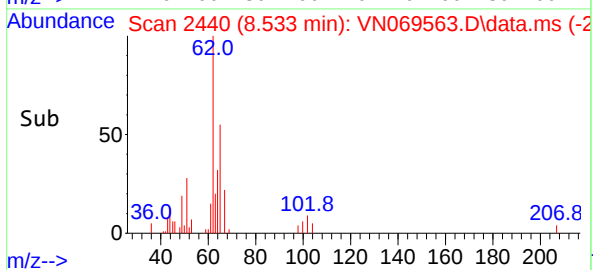
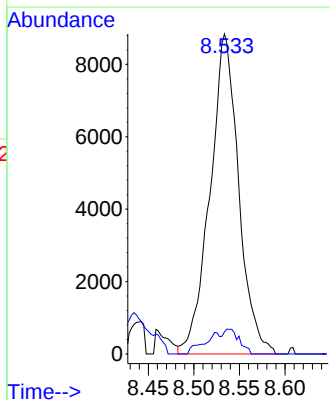
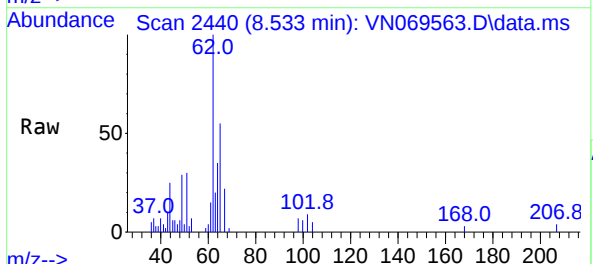
Manual Integrations
APPROVED

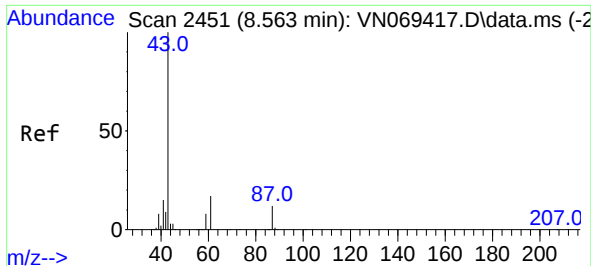
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#42
1,2-Dichloroethane
Concen: 0.477 ug/l
RT: 8.533 min Scan# 2440
Delta R.T. 0.002 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

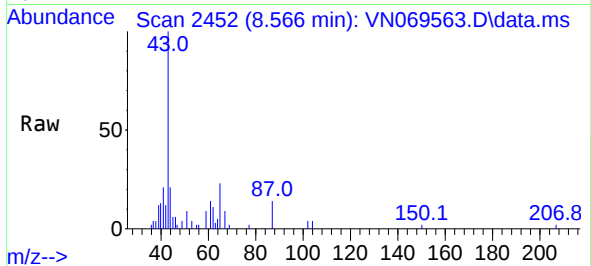
Tgt Ion: 62 Resp: 19327
Ion Ratio Lower Upper
62 100
98 4.1 0.0 17.6





#43
Isopropyl Acetate
Concen: 0.318 ug/l
RT: 8.566 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

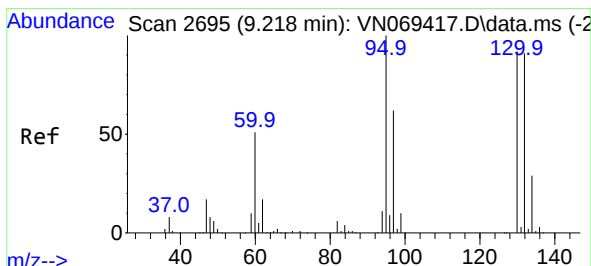
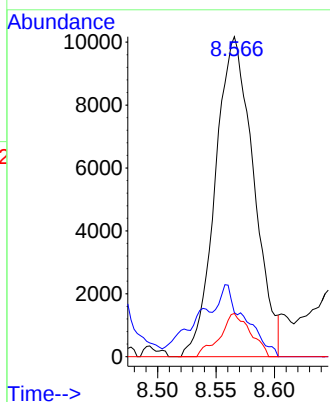
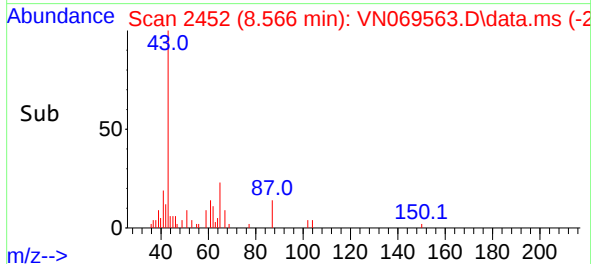
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 43 Resp: 2315
Ion Ratio Lower Upper
43 100
61 16.3 20.4 30.6
87 10.8 11.2 16.8

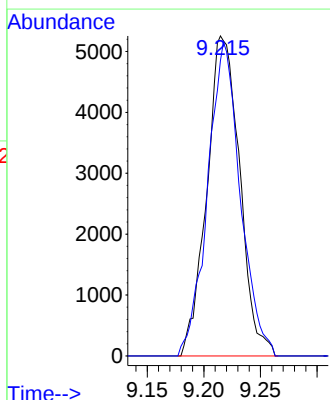
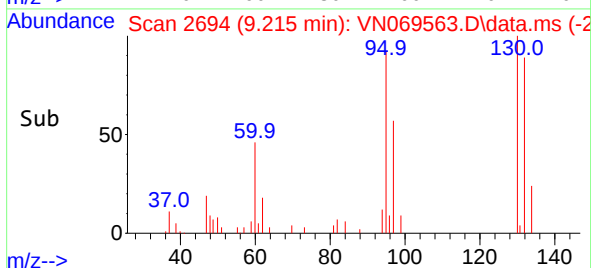
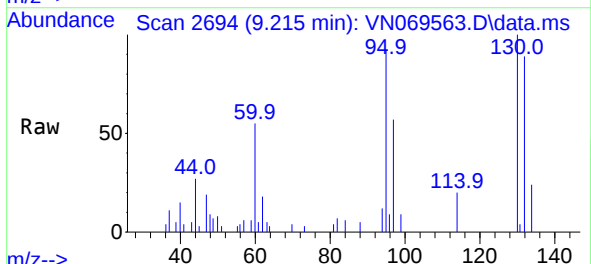
Manual Integrations
APPROVED

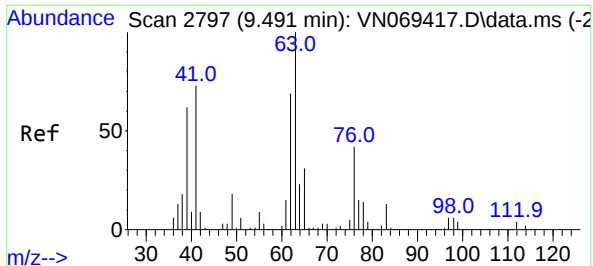
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#44
Trichloroethene
Concen: 0.428 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

Tgt Ion:130 Resp: 10604
Ion Ratio Lower Upper
130 100
95 92.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 0.380 ug/l m

RT: 9.496 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN069563.D

Acq: 18 Nov 2021 19:33

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 63 Resp: 10518

Ion Ratio Lower Upper

63 100

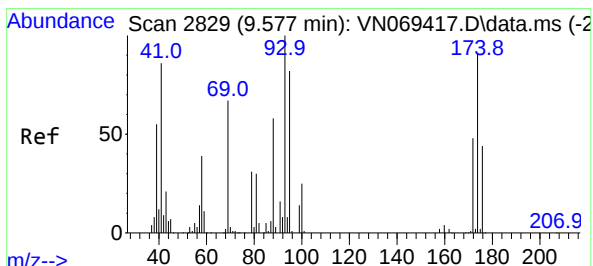
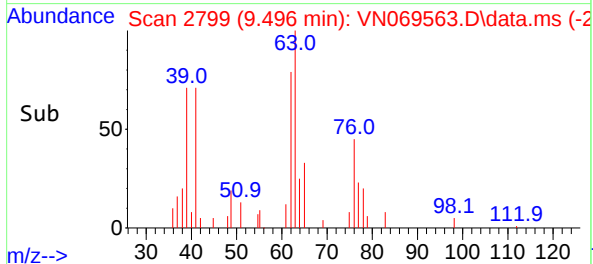
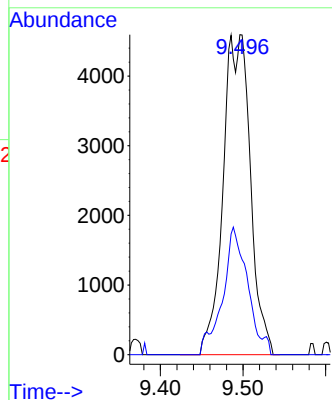
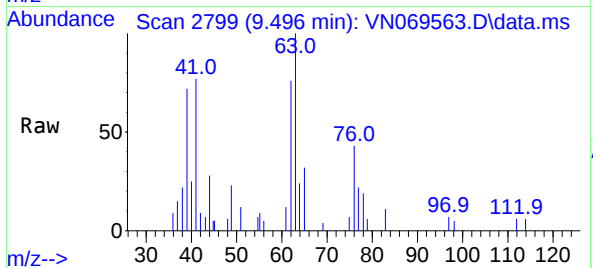
65 31.6 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Semsettin Yesilyurt 11/19/2021



#46

Dibromomethane

Concen: 0.319 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.002 min

Lab File: VN069563.D

Acq: 18 Nov 2021 19:33

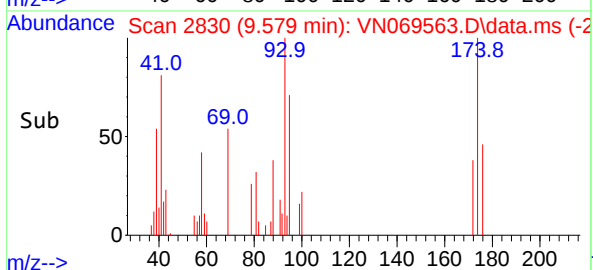
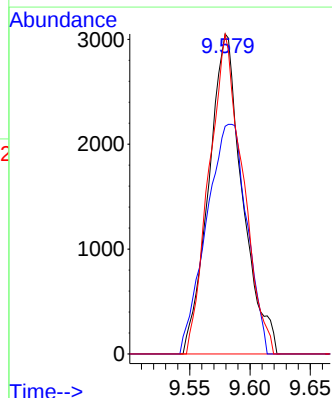
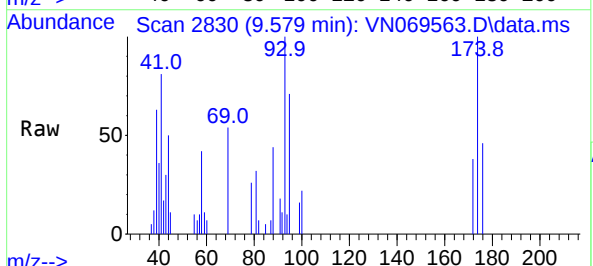
Tgt Ion: 93 Resp: 5918

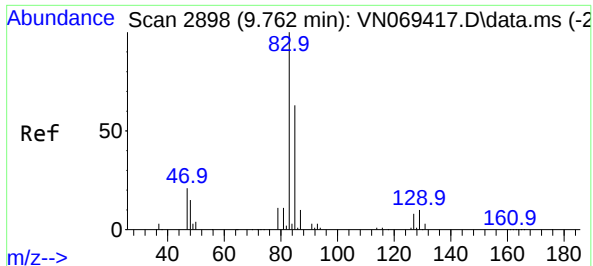
Ion Ratio Lower Upper

93 100

95 86.1 65.9 98.9

174 99.7 84.6 127.0





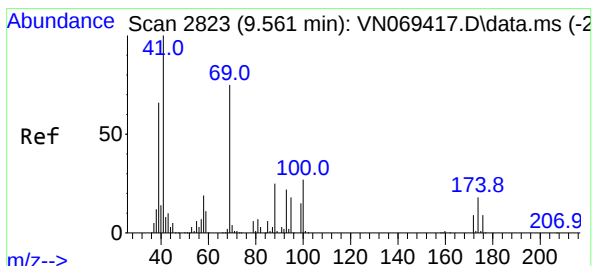
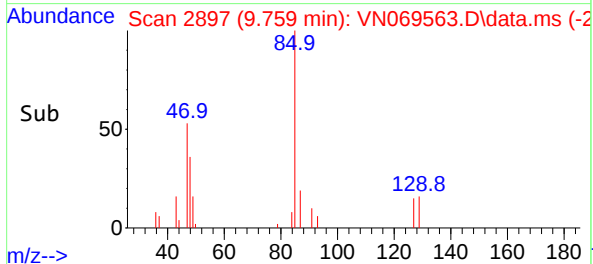
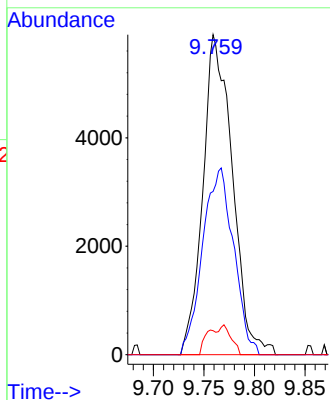
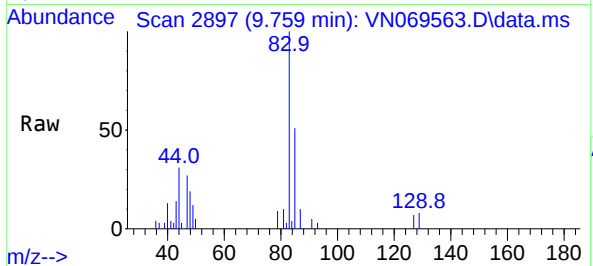
#47
Bromodichloromethane
Concen: 0.347 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 83 Resp: 11998
Ion Ratio Lower Upper
83 100
85 51.0 50.9 76.3
127 7.5 7.1 10.7

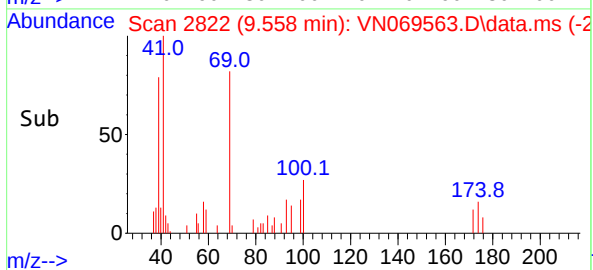
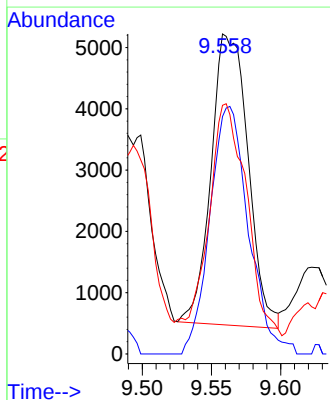
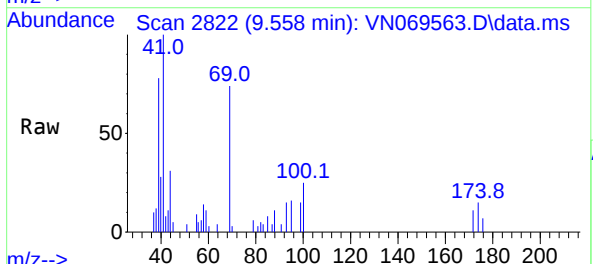
Manual Integrations
APPROVED

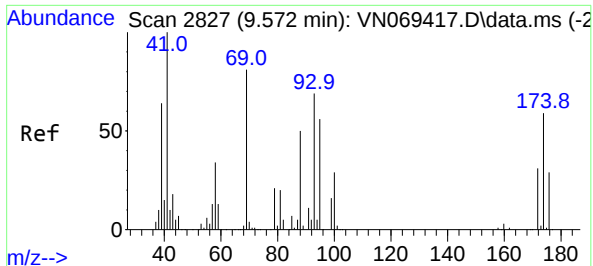
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#48
Methyl methacrylate
Concen: 0.257 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

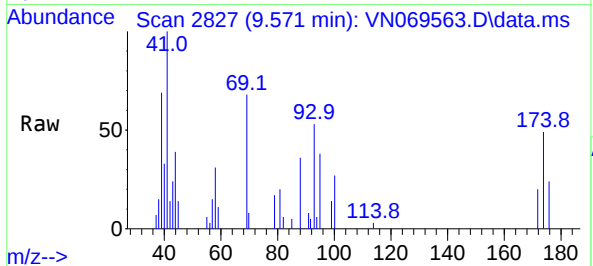
Tgt Ion: 41 Resp: 8803
Ion Ratio Lower Upper
41 100
69 88.9 72.4 108.6
39 79.9 58.4 87.6





#49
1,4-Dioxane
Concen: 5.643 ug/l m
RT: 9.571 min Scan# 2827
Delta R.T. -0.001 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

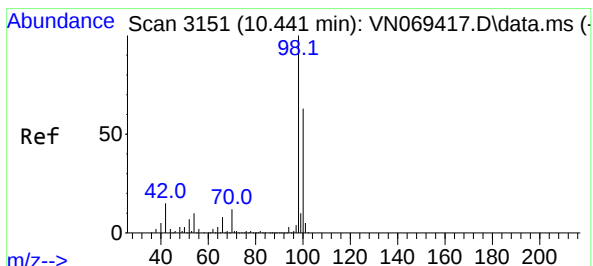
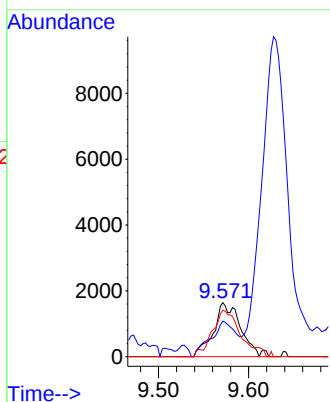
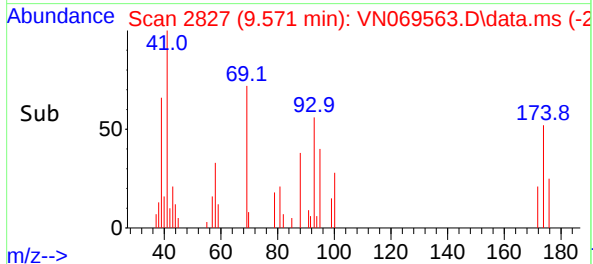
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 88 Resp: 3449
Ion Ratio Lower Upper
88 100
43 58.9 23.4 35.2
58 88.6 50.6 75.8

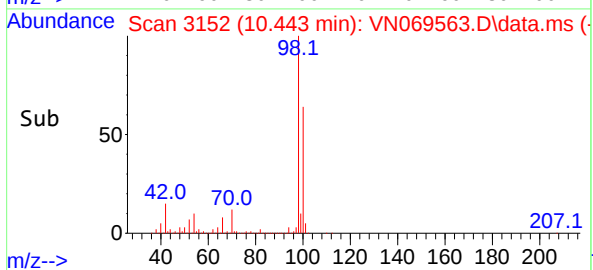
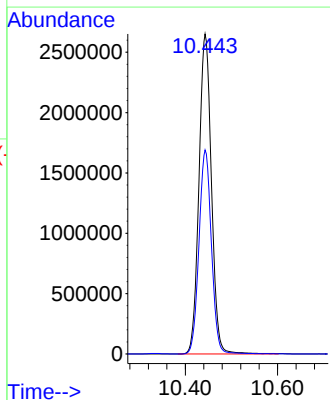
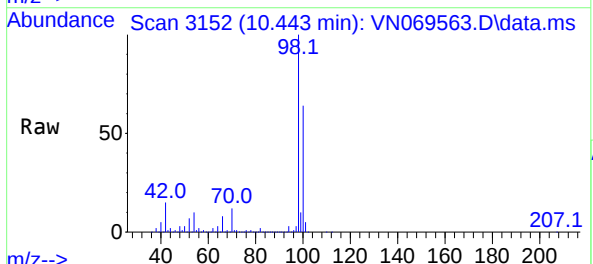
Manual Integrations
APPROVED

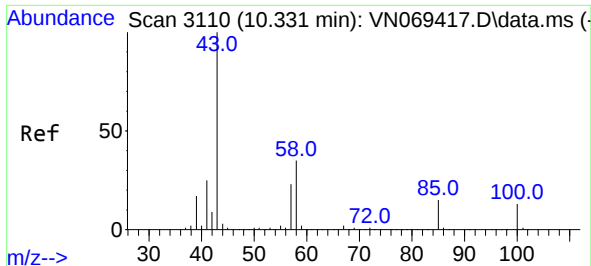
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#50
Toluene-d8
Concen: 52.797 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

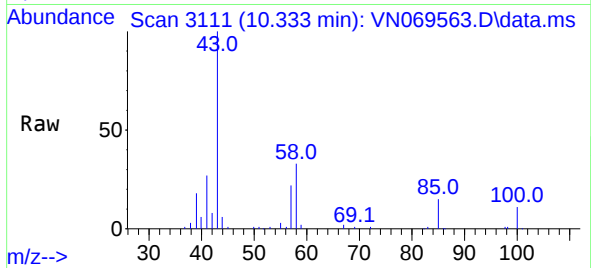
Tgt Ion: 98 Resp: 4965252
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 1.539 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

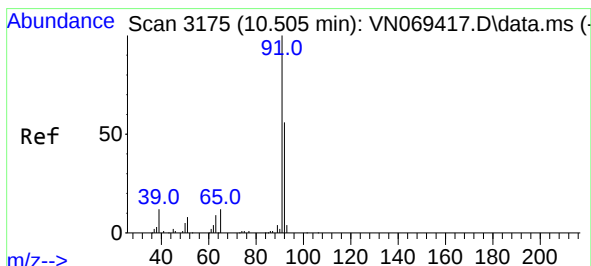
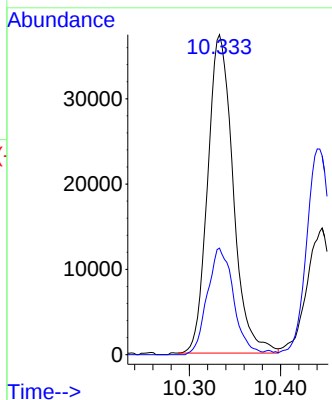
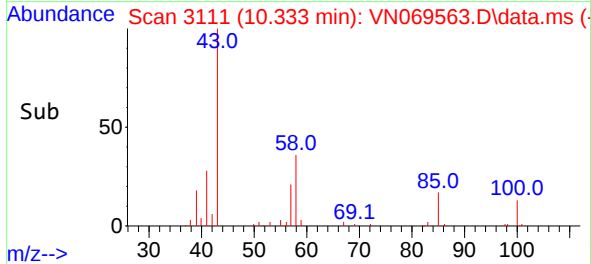
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 43 Resp: 72372
Ion Ratio Lower Upper
43 100
58 34.4 30.4 45.6

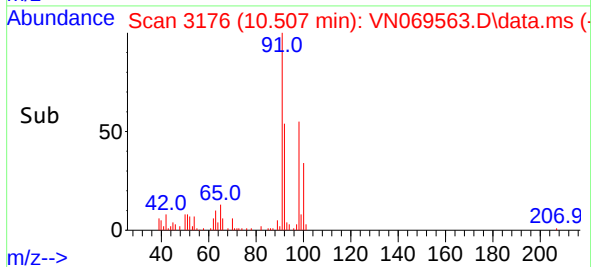
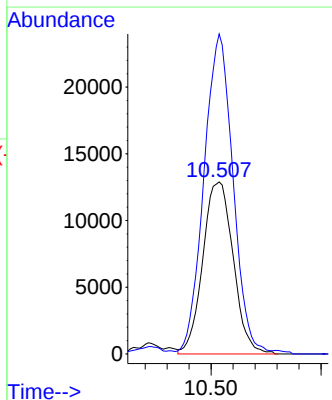
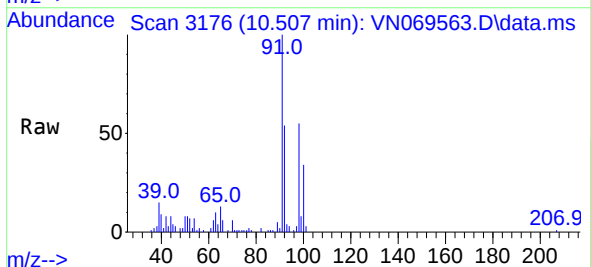
Manual Integrations
APPROVED

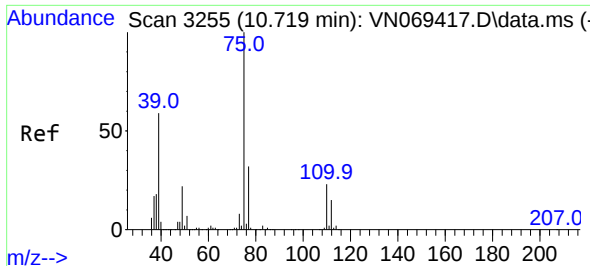
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#52
Toluene
Concen: 0.384 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.002 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

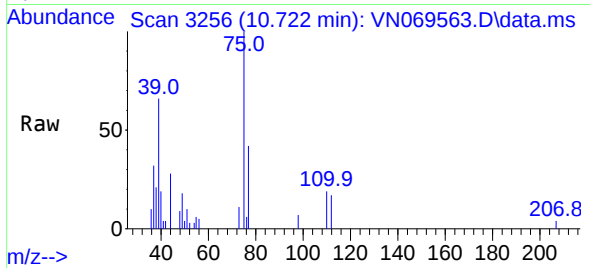
Tgt Ion: 92 Resp: 24769
Ion Ratio Lower Upper
92 100
91 175.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 0.267 ug/l
RT: 10.722 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

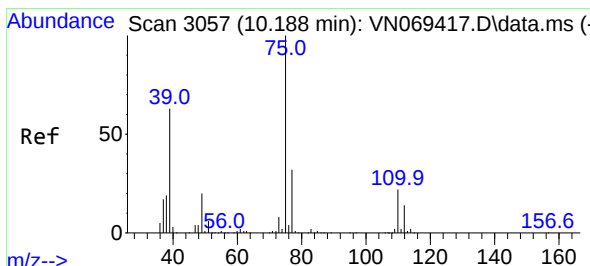
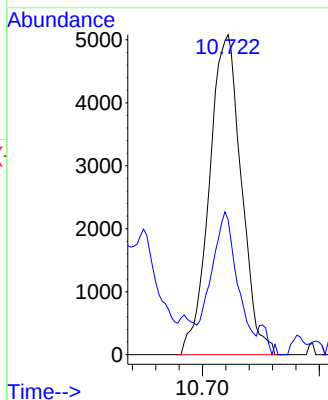
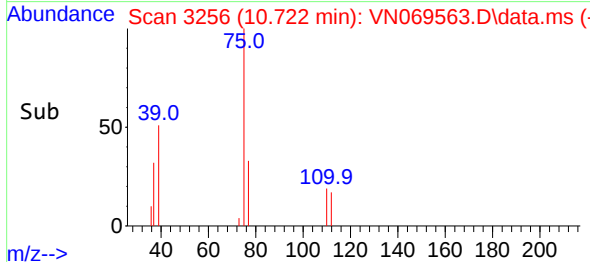
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



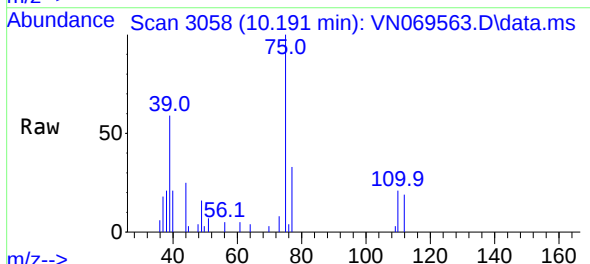
Tgt Ion: 75 Resp: 9658
Ion Ratio Lower Upper
75 100
77 42.2 25.6 38.4

Manual Integrations
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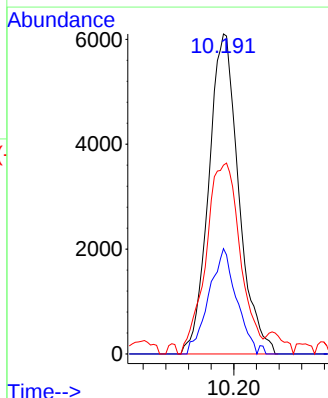
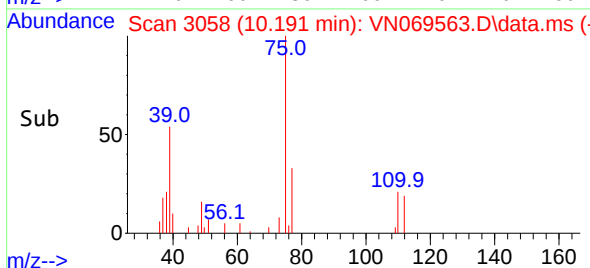
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

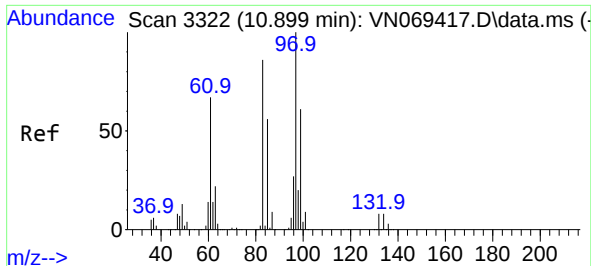


#54
cis-1,3-Dichloropropene
Concen: 0.284 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33



Tgt Ion: 75 Resp: 11198
Ion Ratio Lower Upper
75 100
77 32.9 26.4 39.6
39 59.0 42.5 63.7





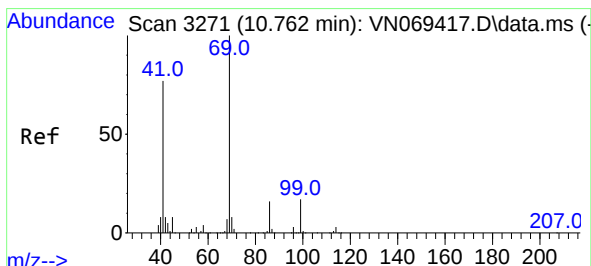
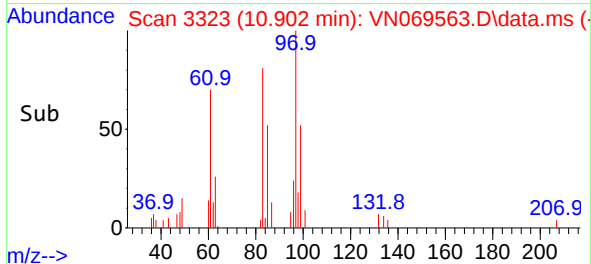
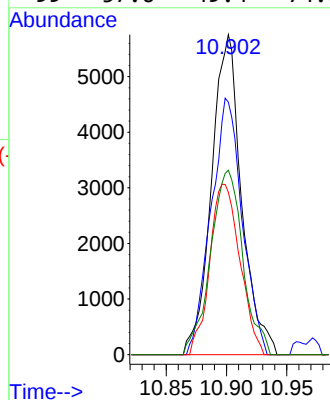
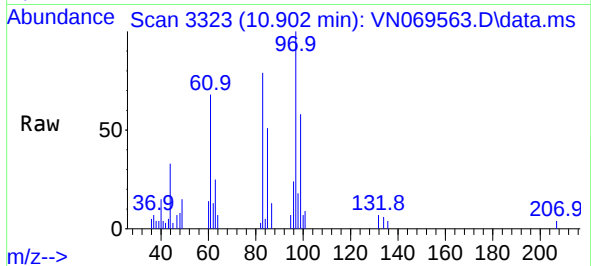
#55
1,1,2-Trichloroethane
Concen: 0.383 ug/l
RT: 10.902 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.9	67.8	101.6
85	50.7	45.4	68.2
99	57.6	49.4	74.0

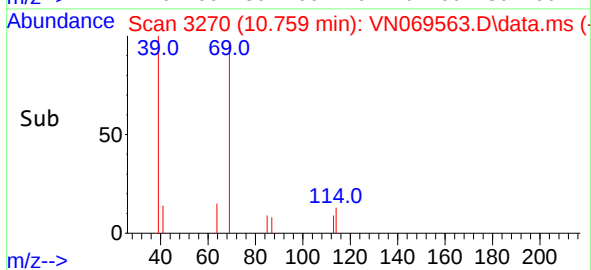
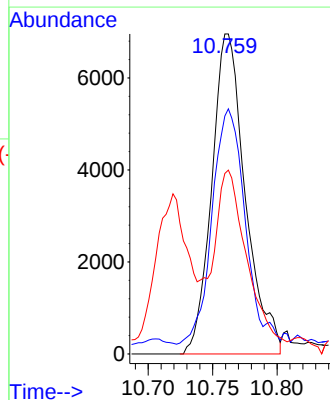
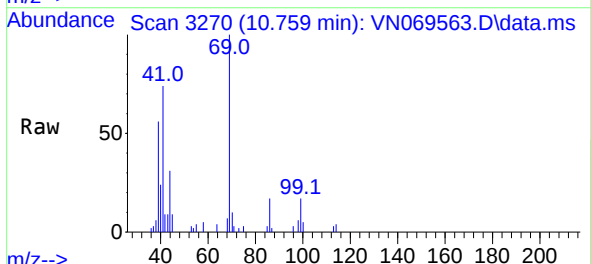
Manual Integrations
APPROVED

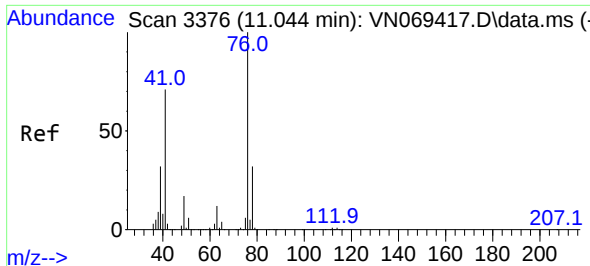
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#56
Ethyl methacrylate
Concen: 0.293 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.8	51.4	77.0
39	50.5	34.6	52.0





#57

1,3-Dichloropropane

Concen: 0.346 ug/l

RT: 11.046 min Scan# 31

Delta R.T. 0.002 min

Lab File: VN069563.D

Acq: 18 Nov 2021 19:33

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 76 Resp: 1578

Ion Ratio Lower Upper

76 100

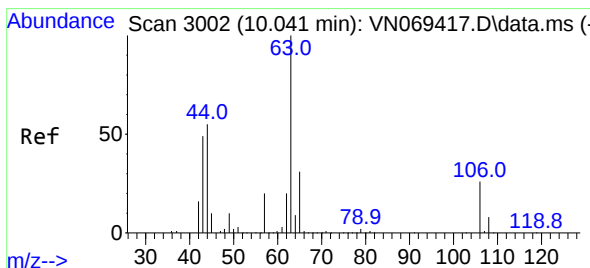
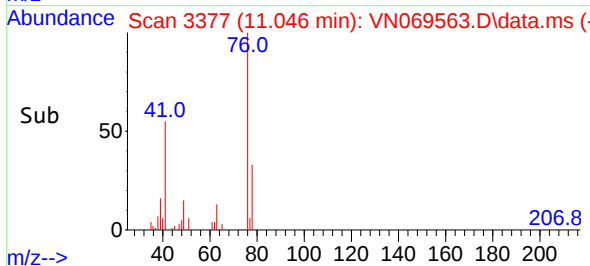
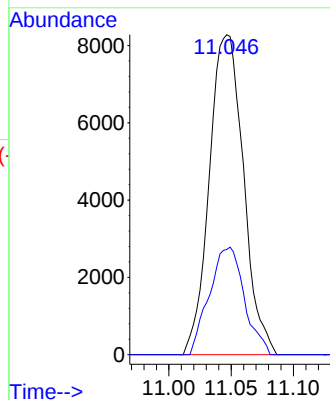
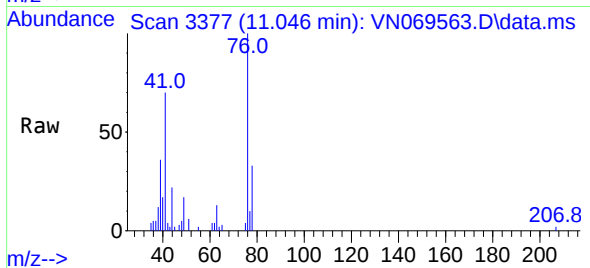
78 34.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Semsettin Yesilyurt 11/19/2021



#58

2-Chloroethyl Vinyl ether

Concen: 1.355 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.002 min

Lab File: VN069563.D

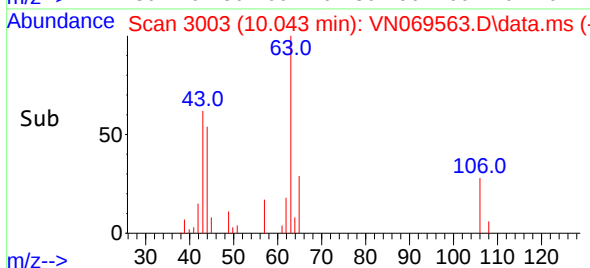
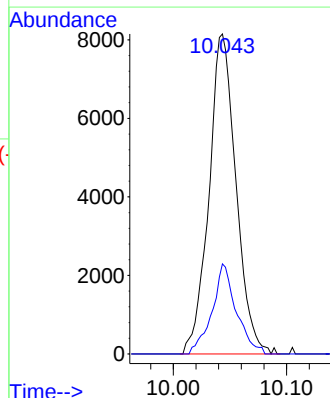
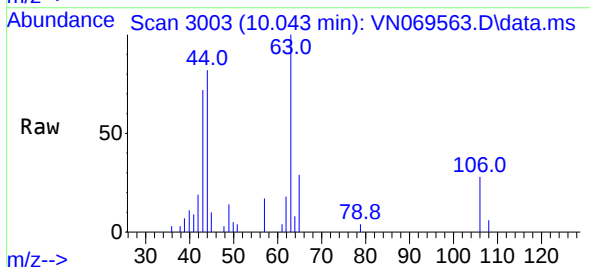
Acq: 18 Nov 2021 19:33

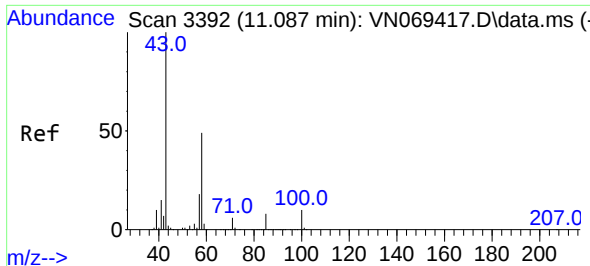
Tgt Ion: 63 Resp: 13521

Ion Ratio Lower Upper

63 100

106 25.1 23.9 35.9





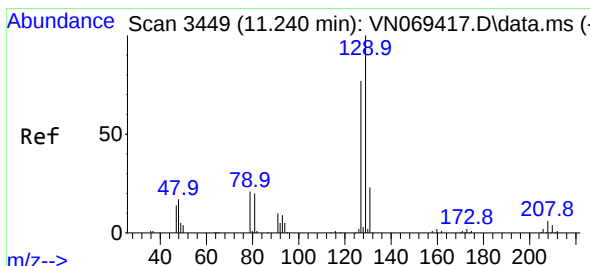
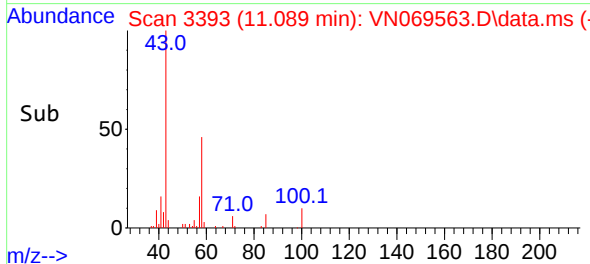
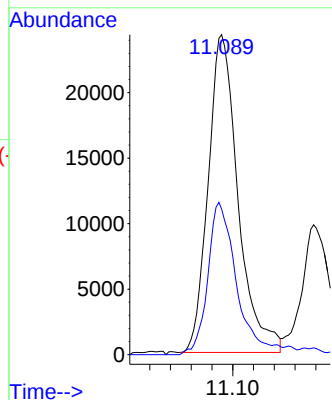
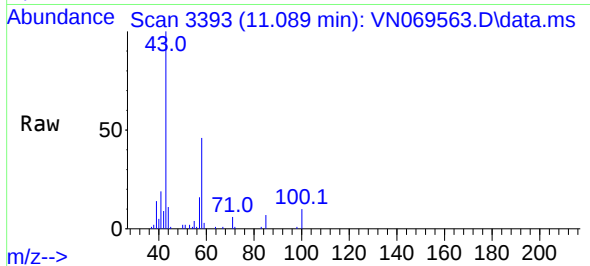
#59
2-Hexanone
Concen: 1.385 ug/l
RT: 11.089 min Scan# 3451
Delta R.T. 0.002 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 43 Resp: 4851
Ion Ratio Lower Upper
43 100
58 45.0 26.9 80.7

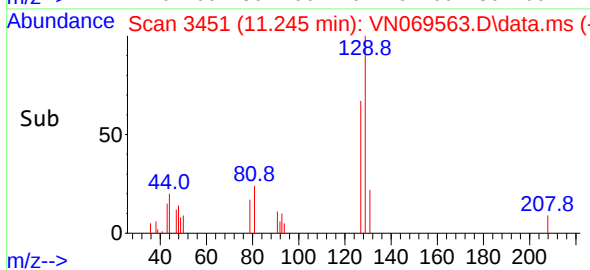
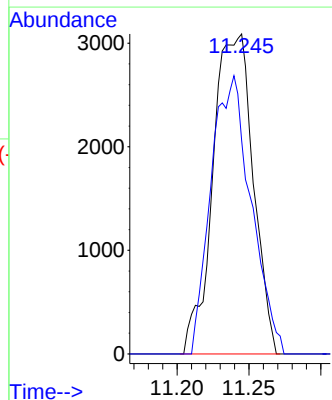
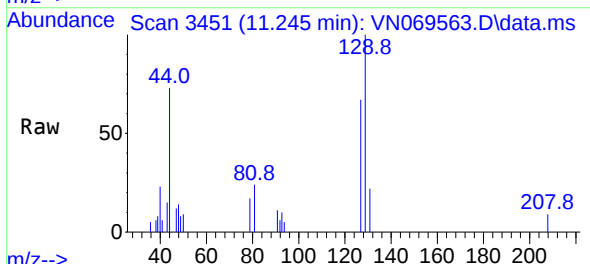
Manual Integrations
APPROVED

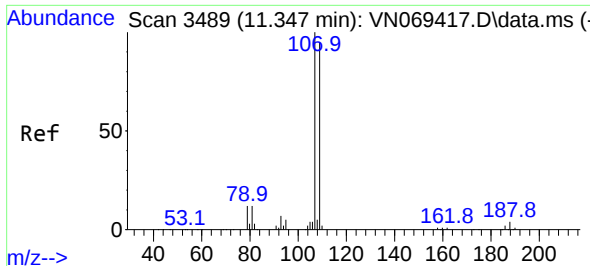
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#60
Dibromochloromethane
Concen: 0.247 ug/l
RT: 11.245 min Scan# 3451
Delta R.T. 0.005 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

Tgt Ion:129 Resp: 6000
Ion Ratio Lower Upper
129 100
127 86.6 38.6 116.0





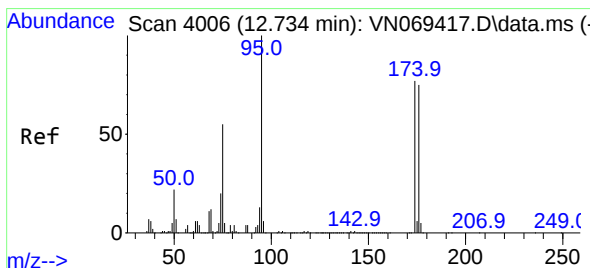
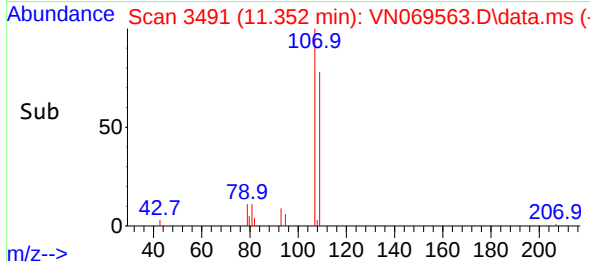
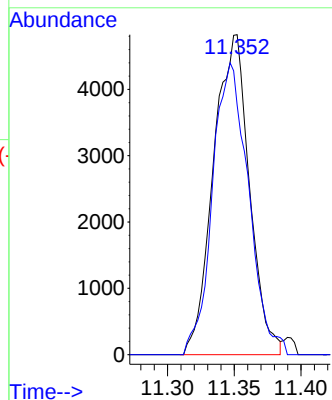
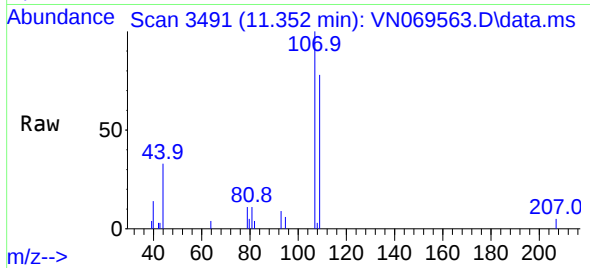
#61
1,2-Dibromoethane
Concen: 0.343 ug/l
RT: 11.352 min Scan# 3489
Delta R.T. 0.005 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:107 Resp: 903
Ion Ratio Lower Upper
107 100
109 91.3 75.7 113.5

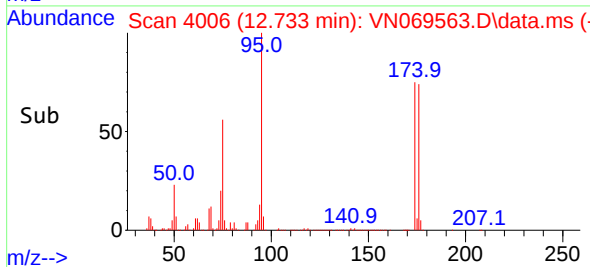
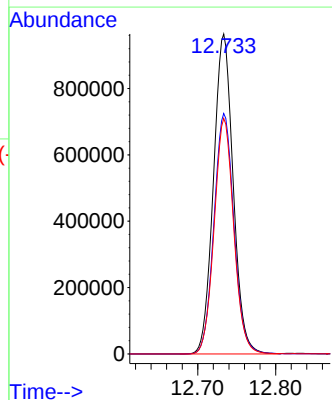
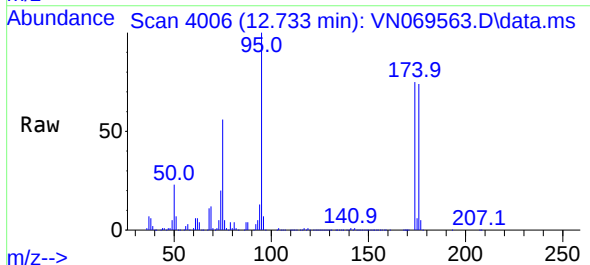
Manual Integrations
APPROVED

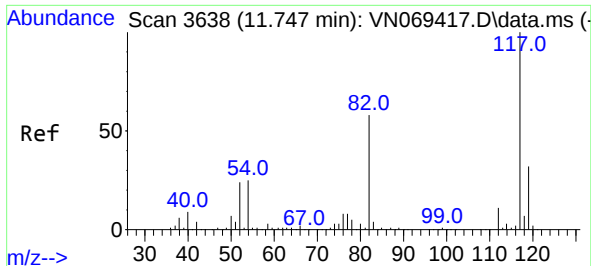
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#62
4-Bromofluorobenzene
Concen: 48.973 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

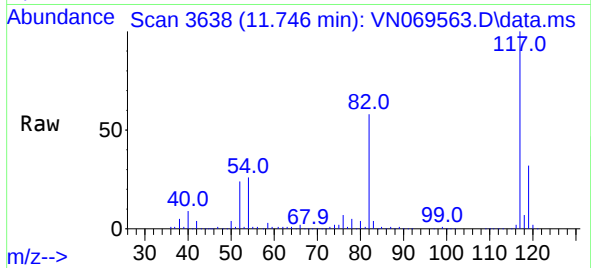
Tgt Ion: 95 Resp: 1691963
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.1 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

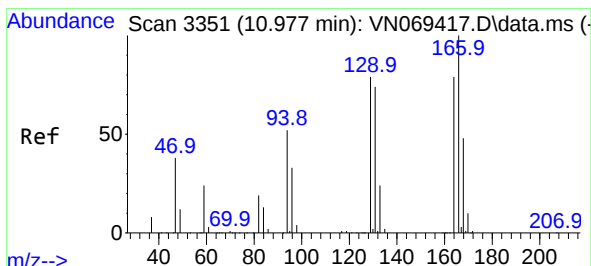
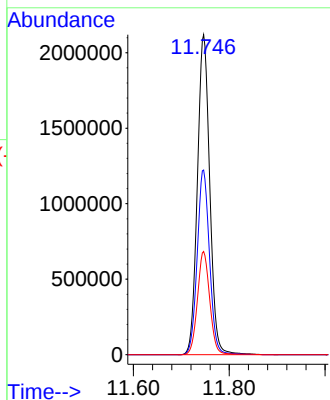
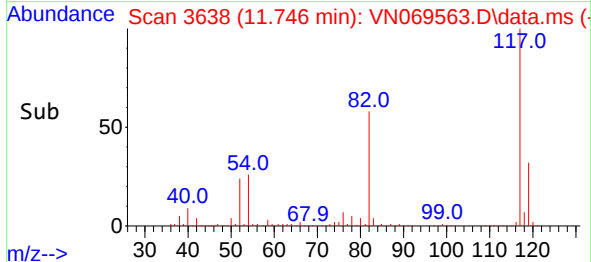
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



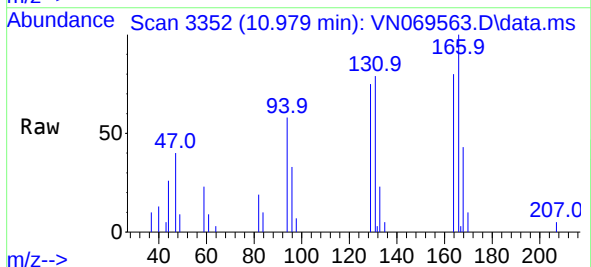
Tgt Ion:117 Resp: 380927
Ion Ratio Lower Upper
117 100
82 57.7 42.4 63.6
119 32.3 25.4 38.2

Manual Integrations
APPROVED

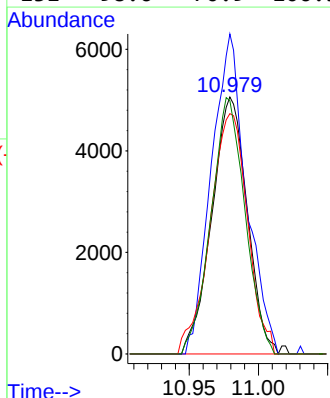
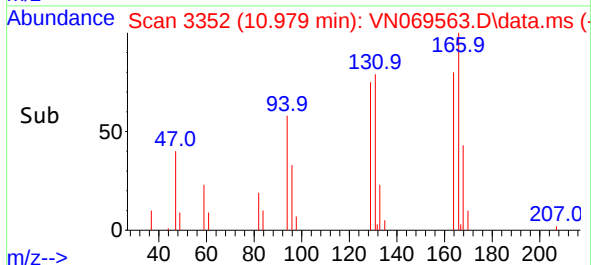
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#64
Tetrachloroethene
Concen: 0.390 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.002 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33



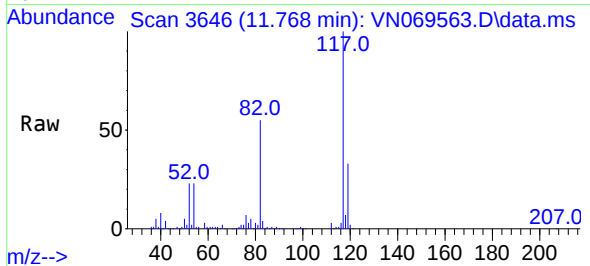
Tgt Ion:164 Resp: 8977
Ion Ratio Lower Upper
164 100
166 124.5 101.9 152.9
129 93.5 72.0 108.0
131 98.6 70.9 106.3





#65
Chlorobenzene
Concen: 0.366 ug/l
RT: 11.768 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

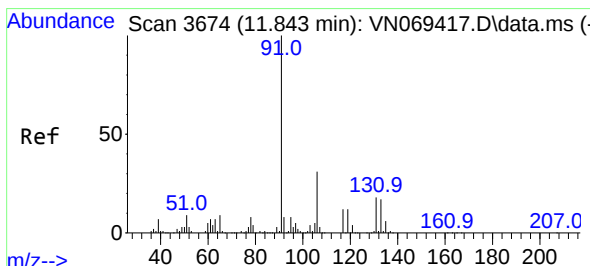
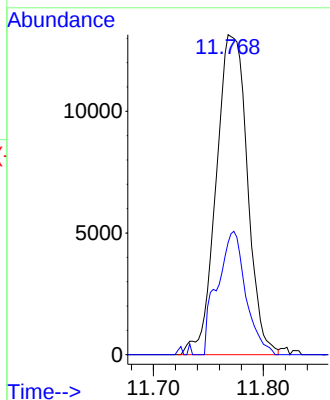
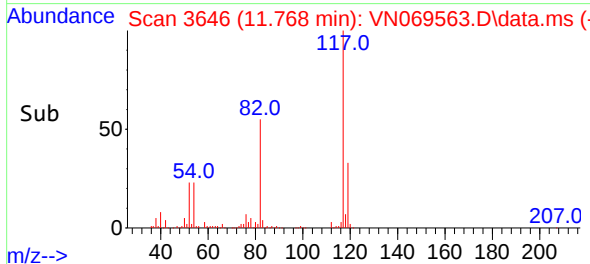
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



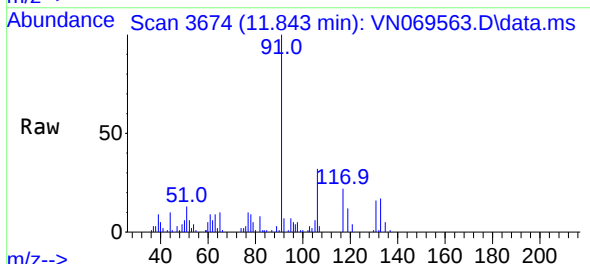
Tgt Ion:112 Resp: 2594
Ion Ratio Lower Upper
112 100
114 35.0 25.4 38.0

Manual Integrations
APPROVED

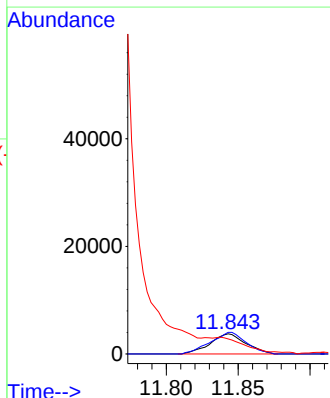
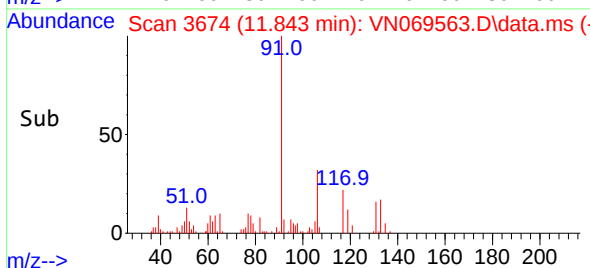
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

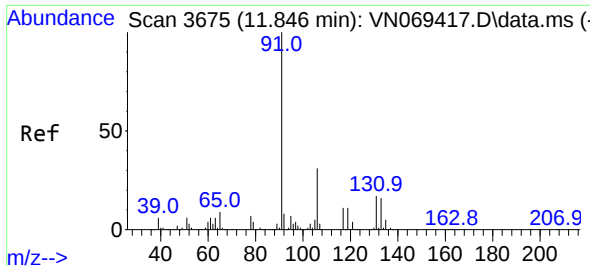


#66
1,1,1,2-Tetrachloroethane
Concen: 0.261 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33



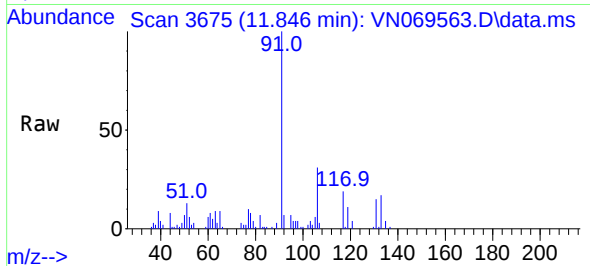
Tgt Ion:131 Resp: 6417
Ion Ratio Lower Upper
131 100
133 108.0 47.9 143.7
119 0.0 32.1 96.5#





#67
Ethyl Benzene
Concen: 0.325 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

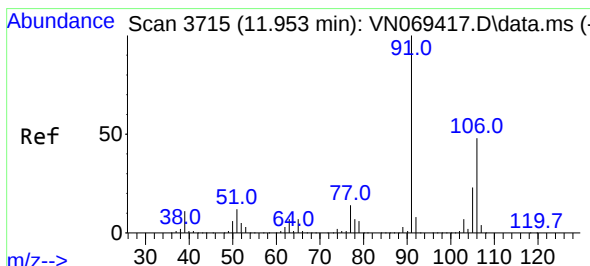
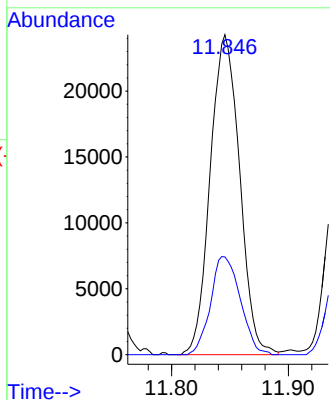
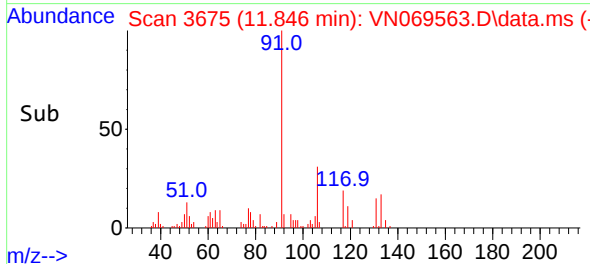
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



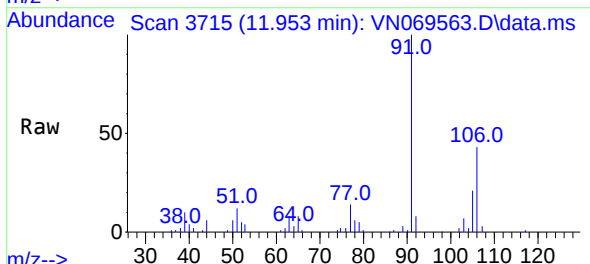
Tgt Ion: 91 Resp: 42448
Ion Ratio Lower Upper
91 100
106 30.6 25.7 38.5

Manual Integrations
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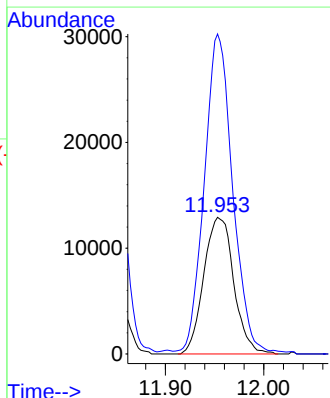
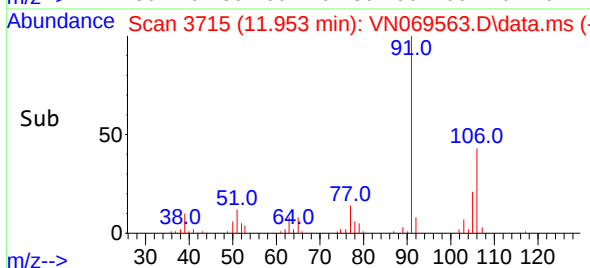
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

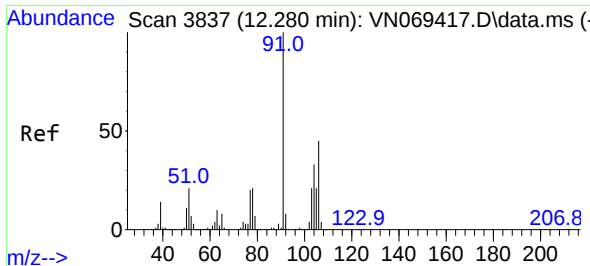


#68
m/p-Xylenes
Concen: 0.570 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33



Tgt Ion:106 Resp: 27415
Ion Ratio Lower Upper
106 100
91 217.7 160.6 240.8





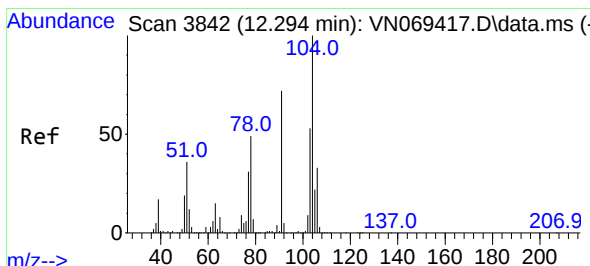
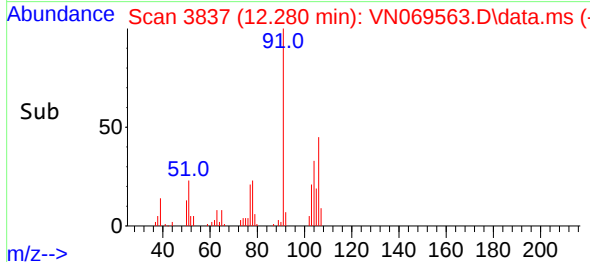
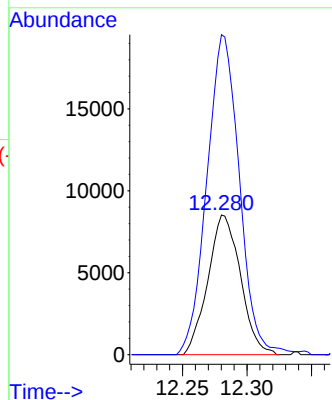
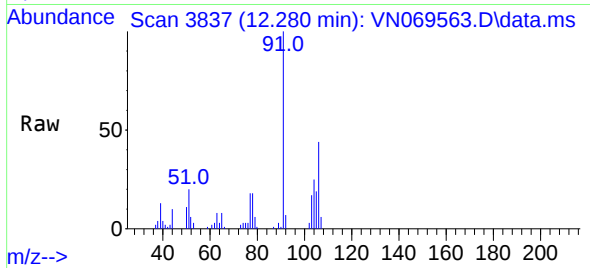
#69
o-Xylene
Concen: 0.312 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:106 Resp: 14972
Ion Ratio Lower Upper
106 100
91 228.7 105.8 317.3

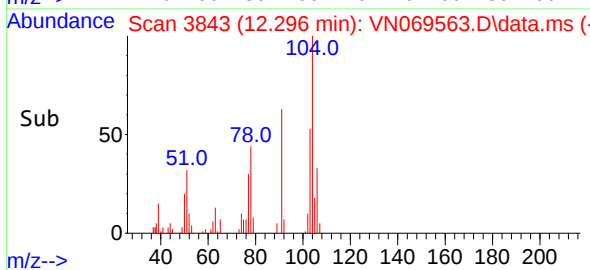
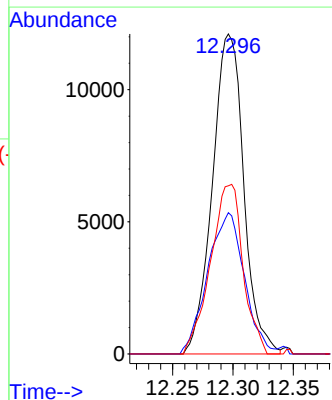
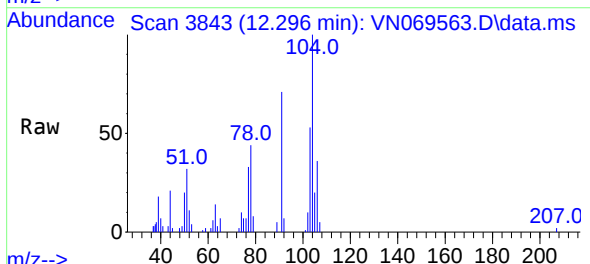
Manual Integrations
APPROVED

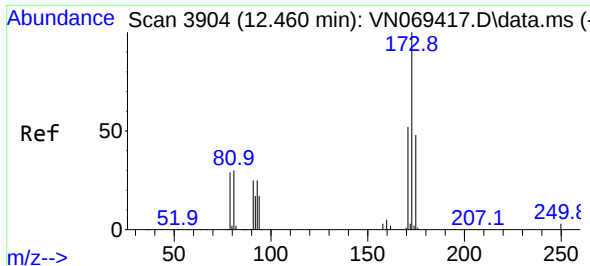
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#70
Styrene
Concen: 0.285 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

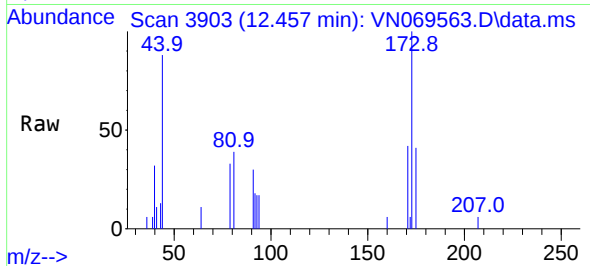
Tgt Ion:104 Resp: 21938
Ion Ratio Lower Upper
104 100
78 51.7 38.7 58.1
103 54.8 45.0 67.6





#71
Bromoform
Concen: 0.242 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

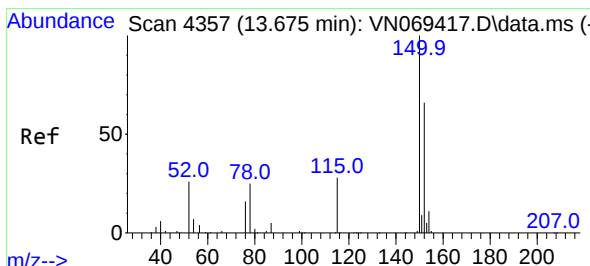
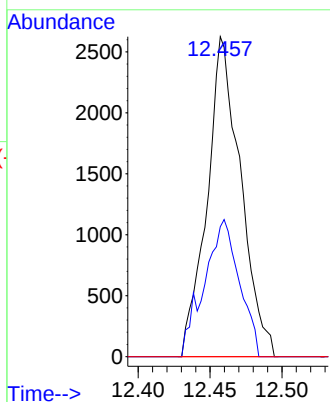
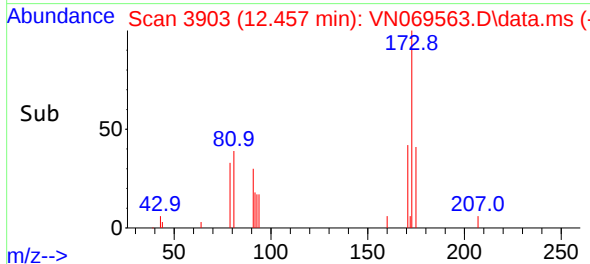
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



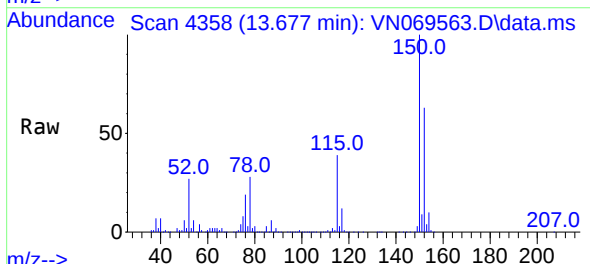
Tgt Ion:173 Resp: 4258
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
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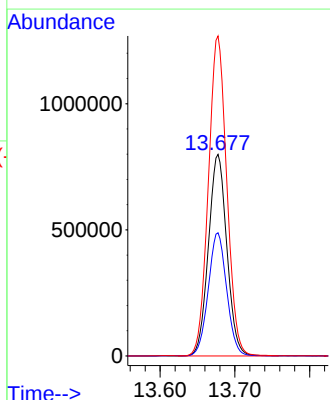
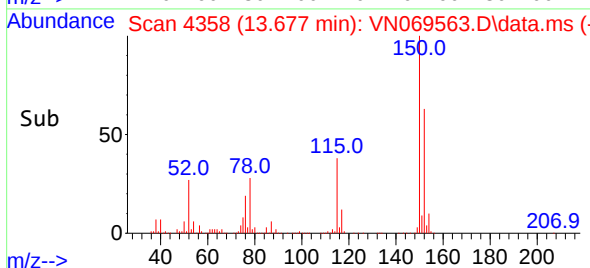
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

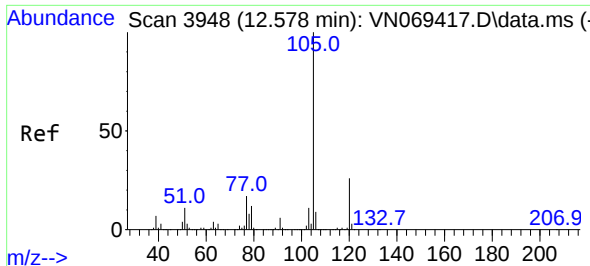


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33



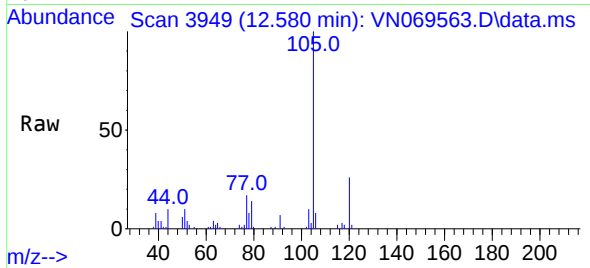
Tgt Ion:152 Resp: 1369554
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 158.0 0.0 344.4





#73
Isopropylbenzene
Concen: 0.347 ug/l
RT: 12.580 min Scan# 3948
Delta R.T. 0.002 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

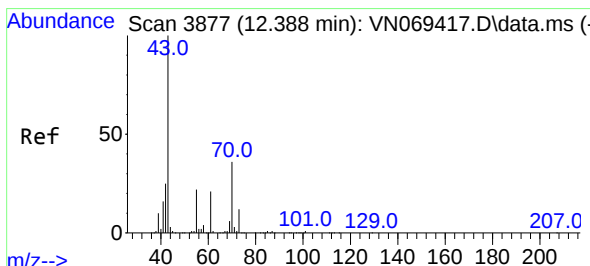
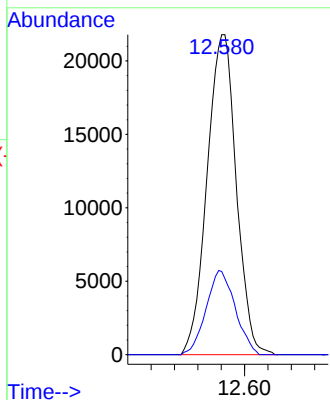
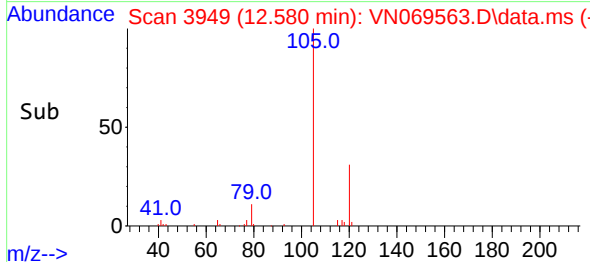
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



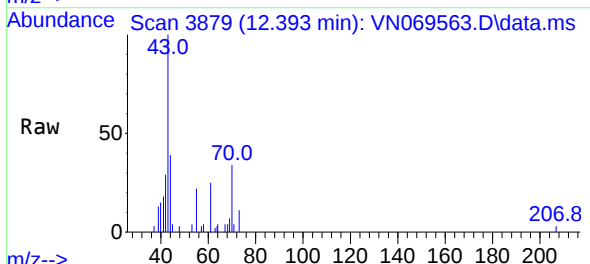
Tgt Ion: 105 Resp: 37830
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1

Manual Integrations
APPROVED

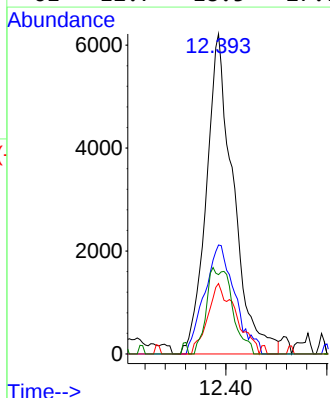
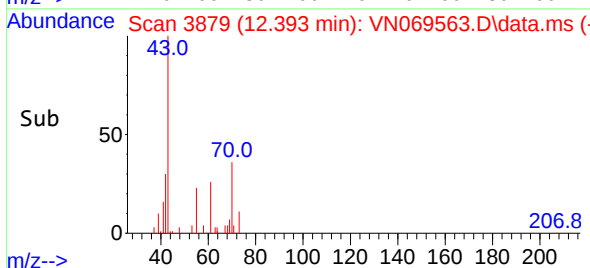
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

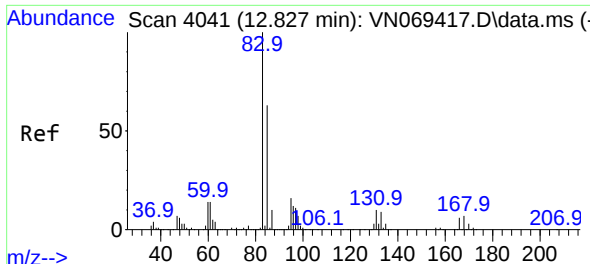


#74
N-ethyl acetate
Concen: 0.250 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.005 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33



Tgt Ion: 43 Resp: 11536
Ion Ratio Lower Upper
43 100
70 38.4 33.4 50.0
55 23.0 19.3 28.9
61 12.7 18.5 27.7#





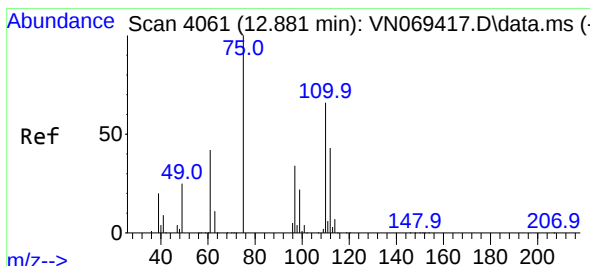
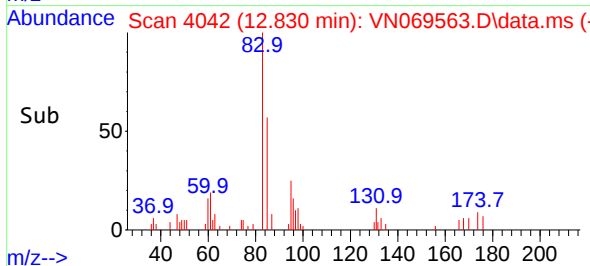
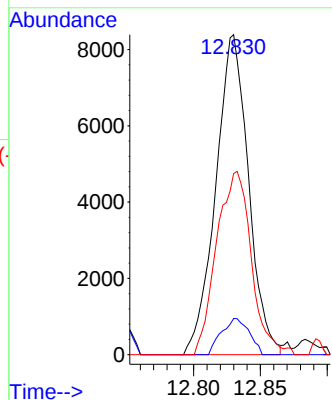
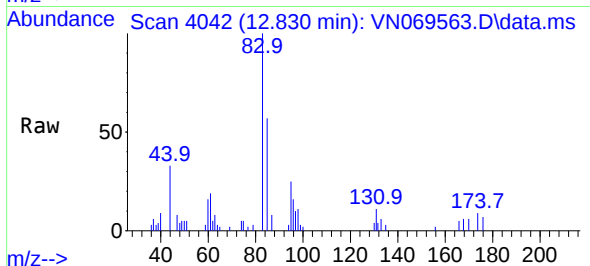
#75
1,1,2,2-Tetrachloroethane
Concen: 0.390 ug/l
RT: 12.830 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 83 Resp: 1432
Ion Ratio Lower Upper
83 100
131 9.5 5.5 16.5
85 60.7 32.4 97.2

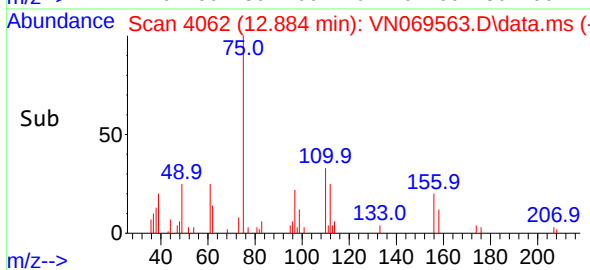
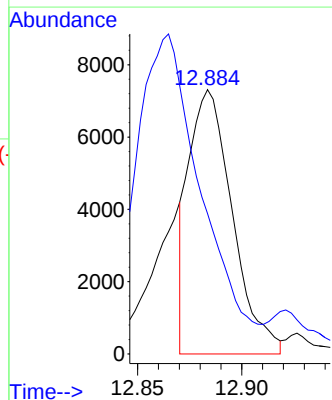
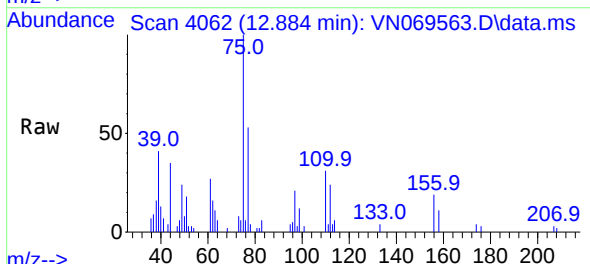
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#76
1,2,3-Trichloropropane
Concen: 0.335 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

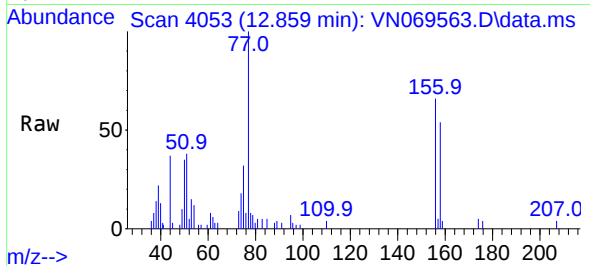
Tgt Ion: 75 Resp: 10597
Ion Ratio Lower Upper
75 100
77 94.1 82.6 247.8





#77
Bromobenzene
Concen: 0.360 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

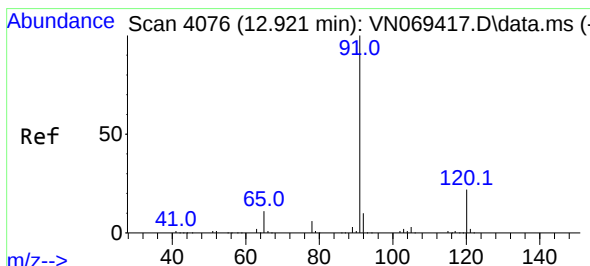
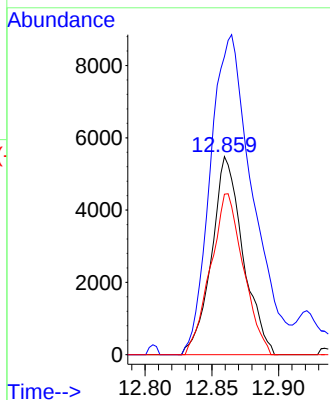
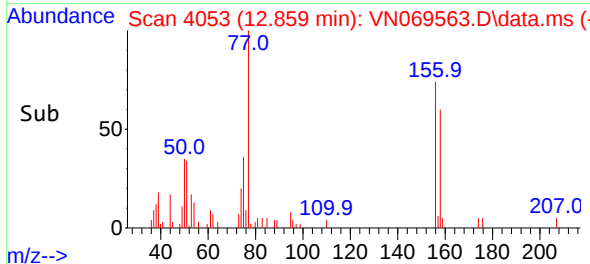
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



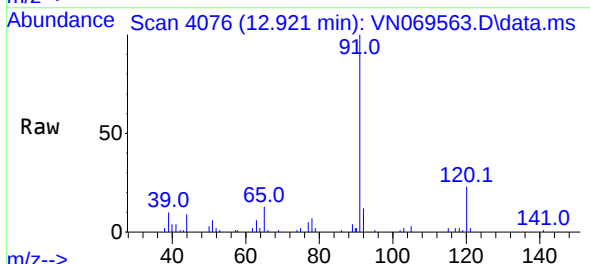
Tgt Ion:156 Resp: 8975
Ion Ratio Lower Upper
156 100
77 218.2 90.6 271.8
158 85.0 48.9 146.7

Manual Integrations
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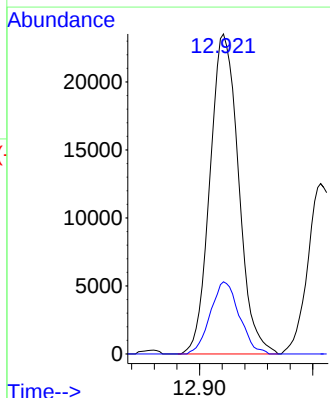
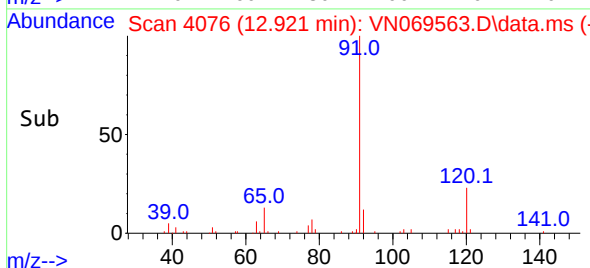
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

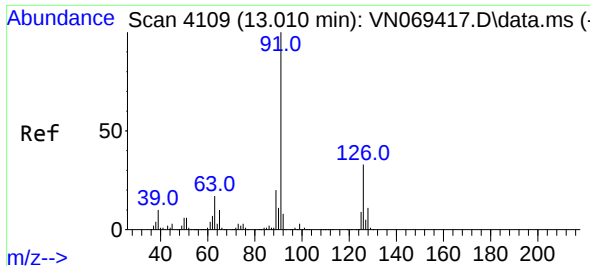


#78
n-propylbenzene
Concen: 0.336 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33



Tgt Ion: 91 Resp: 41209
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.9





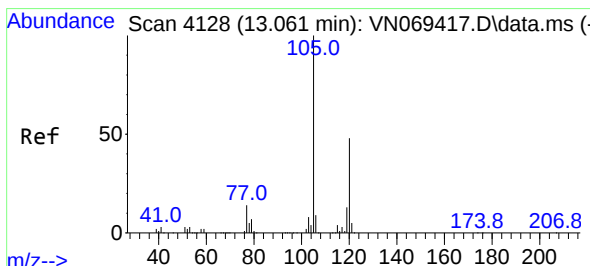
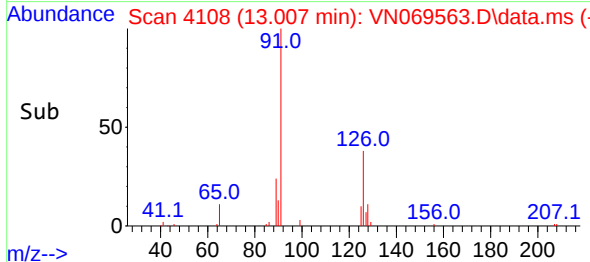
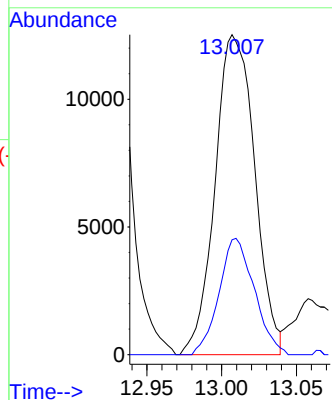
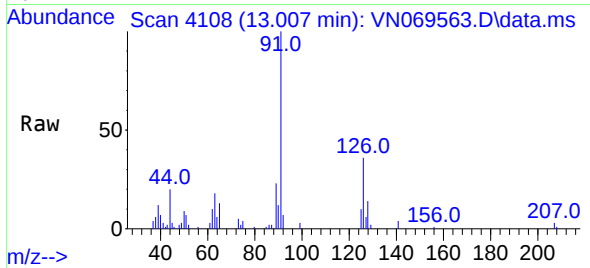
#79
2-Chlorotoluene
Concen: 0.304 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 91 Resp: 23120
Ion Ratio Lower Upper
91 100
126 32.3 18.3 54.8

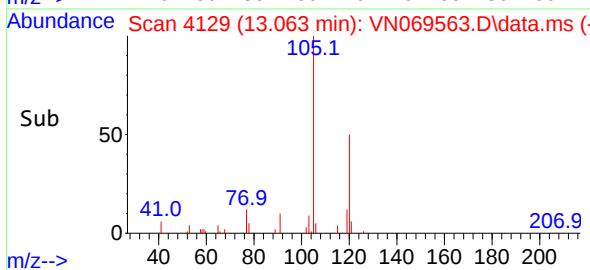
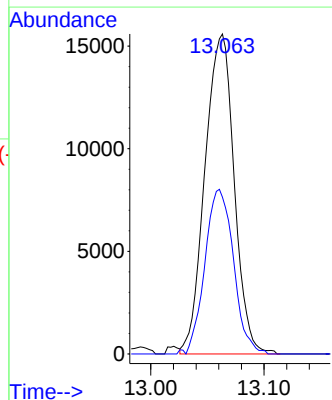
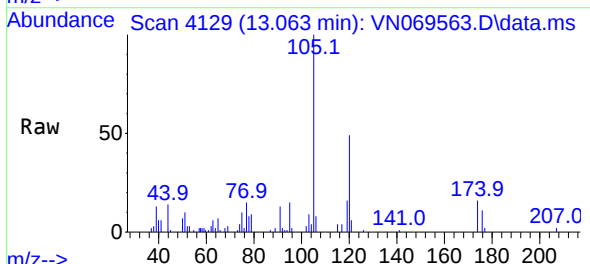
Manual Integrations
APPROVED

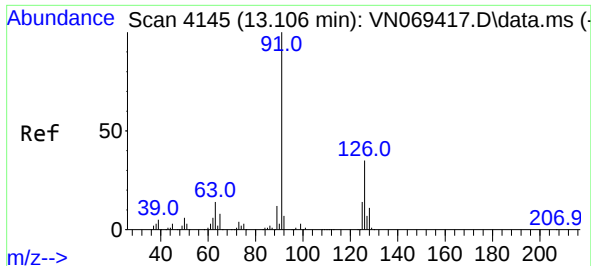
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#80
1,3,5-Trimethylbenzene
Concen: 0.317 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.002 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

Tgt Ion:105 Resp: 27985
Ion Ratio Lower Upper
105 100
120 50.3 24.6 73.6





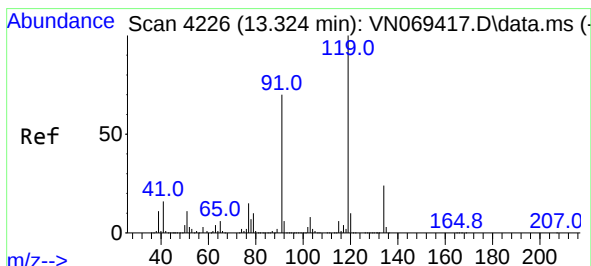
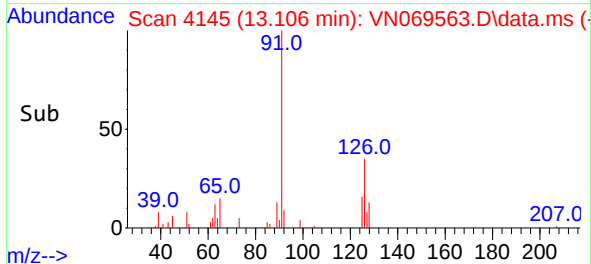
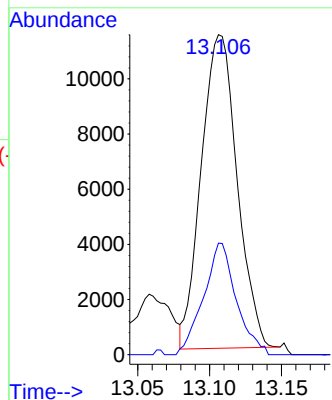
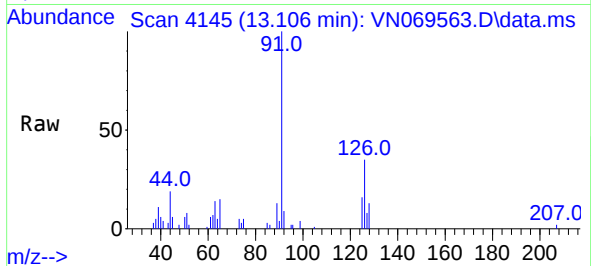
#82
4-Chlorotoluene
Concen: 0.273 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 91 Resp: 1973
Ion Ratio Lower Upper
91 100
126 32.4 18.2 54.6

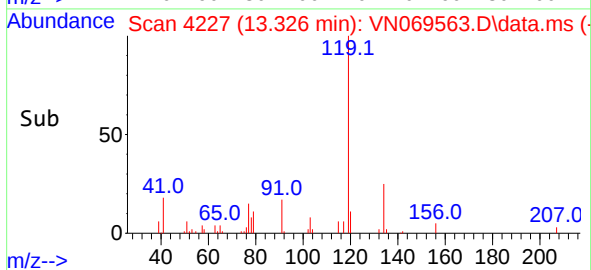
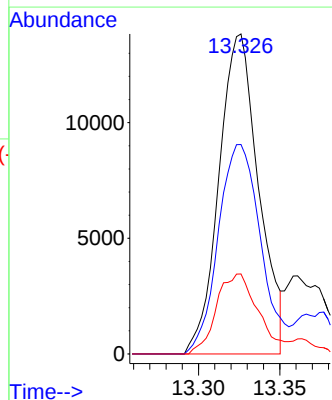
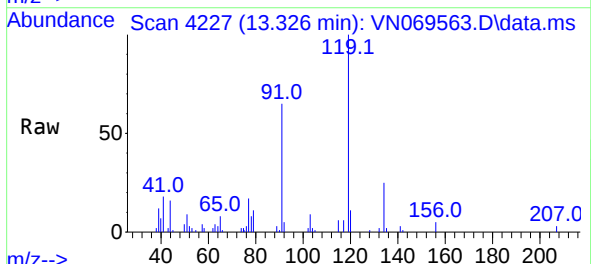
Manual Integrations
APPROVED

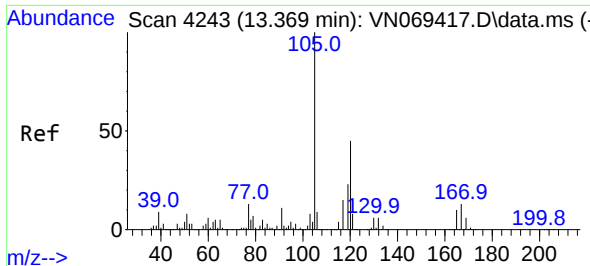
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#83
tert-Butylbenzene
Concen: 0.304 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.002 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

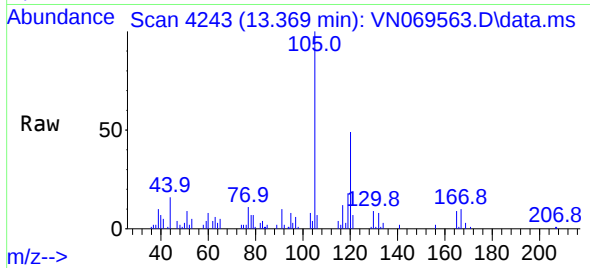
Tgt Ion:119 Resp: 23475
Ion Ratio Lower Upper
119 100
91 70.3 31.5 94.5
134 26.5 12.4 37.4





#84
1,2,4-Trimethylbenzene
Concen: 0.318 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

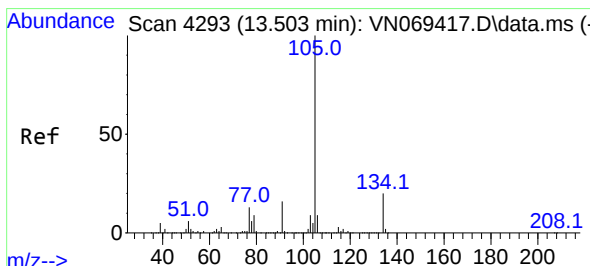
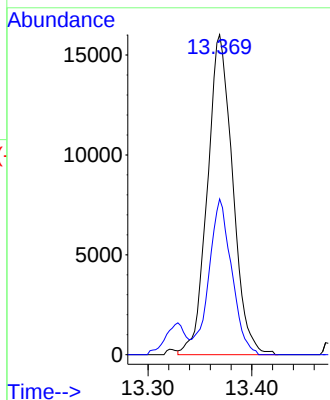
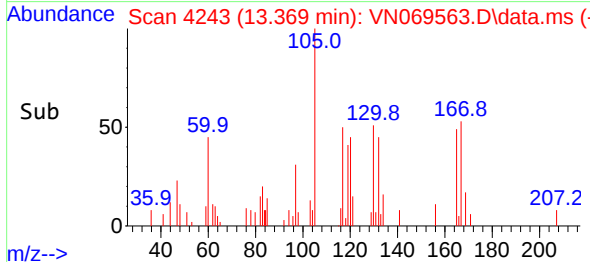
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



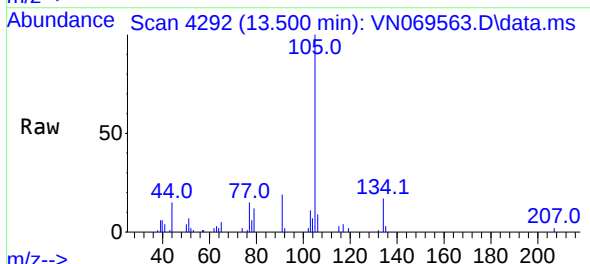
Tgt Ion:105 Resp: 27049
Ion Ratio Lower Upper
105 100
120 43.6 22.8 68.4

Manual Integrations
APPROVED

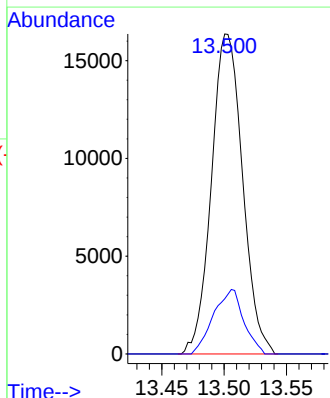
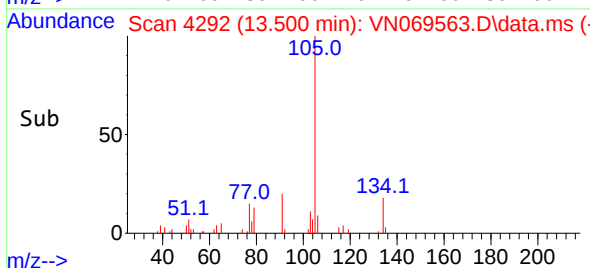
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

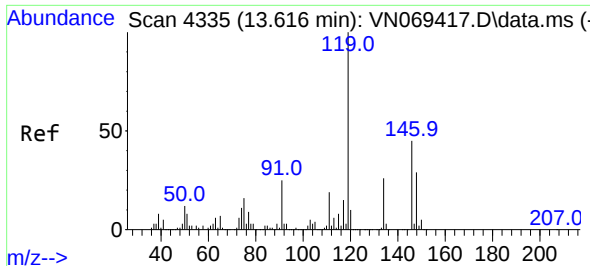


#85
sec-Butylbenzene
Concen: 0.263 ug/l
RT: 13.500 min Scan# 4292
Delta R.T. -0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33



Tgt Ion:105 Resp: 28427
Ion Ratio Lower Upper
105 100
134 19.6 10.4 31.1





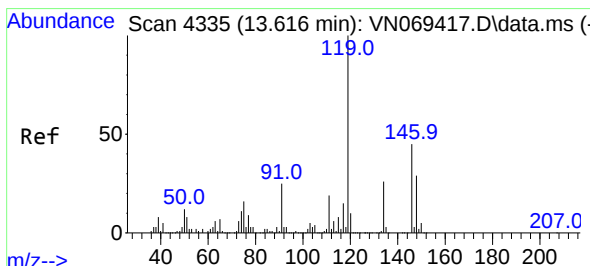
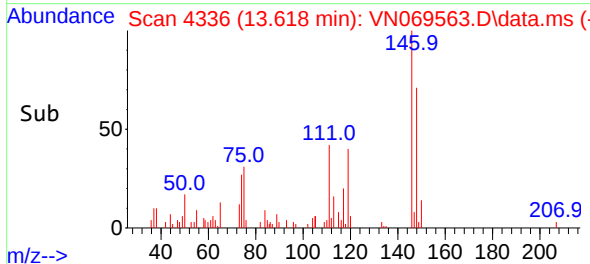
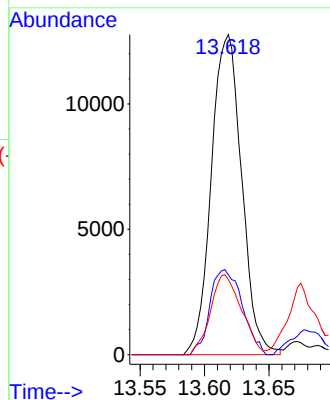
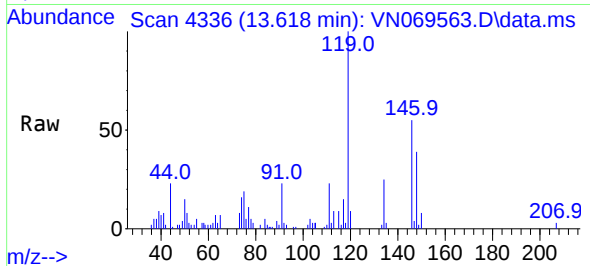
#86
p-Isopropyltoluene
Concen: 0.244 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.002 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:	119	Resp:	2086
Ion Ratio	Lower	Upper	
119	100		
134	28.3	13.6	40.7
91	25.7	11.4	34.1

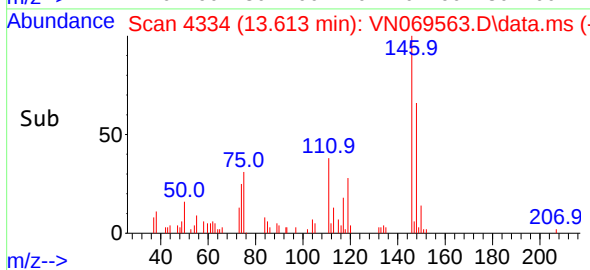
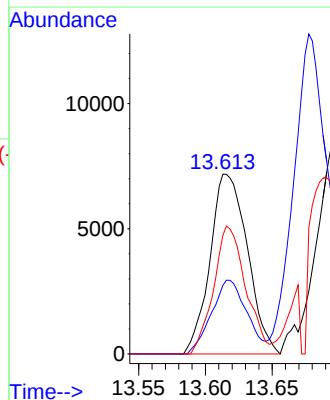
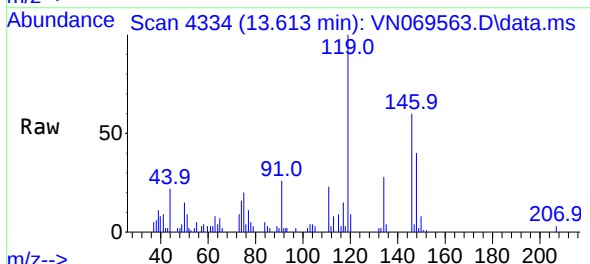
Manual Integrations
APPROVED

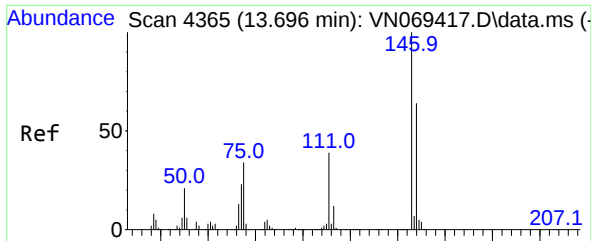
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#87
1,3-Dichlorobenzene
Concen: 0.323 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. -0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

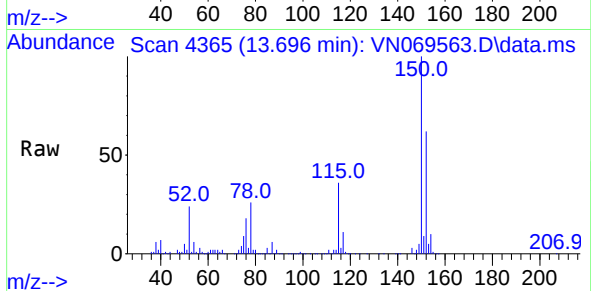
Tgt Ion:	146	Resp:	13961
Ion Ratio	Lower	Upper	
146	100		
111	38.9	18.6	55.6
148	61.3	31.6	95.0





#88
1,4-Dichlorobenzene
Concen: 0.359 ug/l m
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

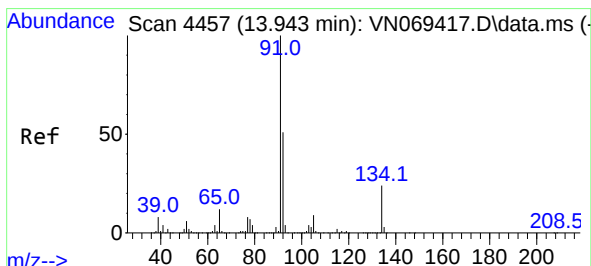
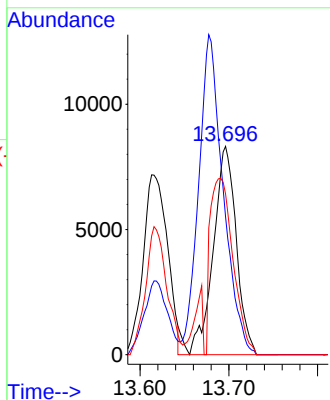
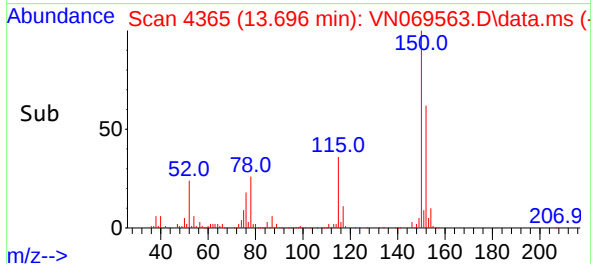
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



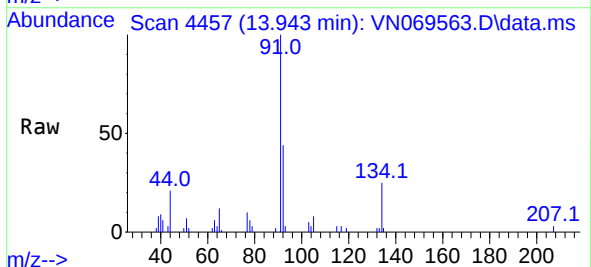
Tgt Ion:146 Resp: 15239
Ion Ratio Lower Upper
146 100
111 35.7 18.3 54.8
148 56.2 31.8 95.4

Manual Integrations
APPROVED

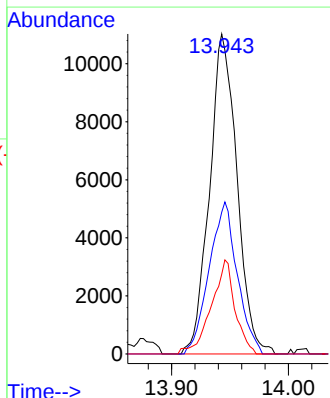
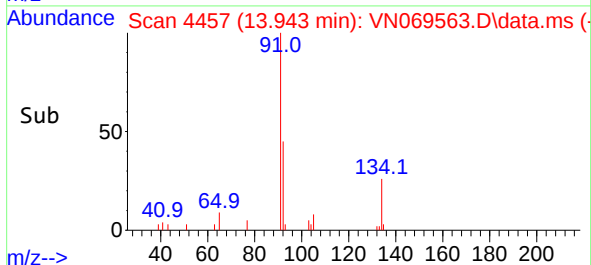
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

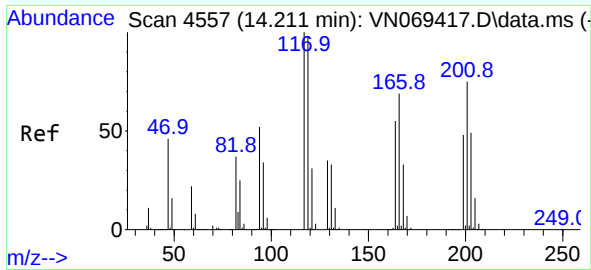


#89
n-Butylbenzene
Concen: 0.252 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33



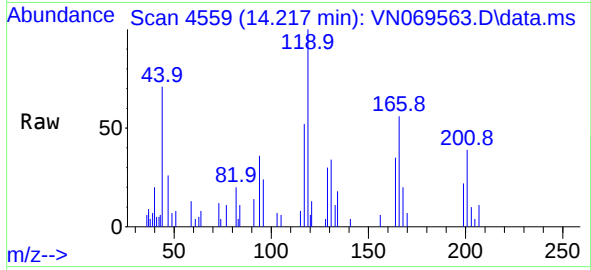
Tgt Ion: 91 Resp: 17975
Ion Ratio Lower Upper
91 100
92 48.8 25.4 76.0
134 25.4 13.6 40.8





#90
Hexachloroethane
Concen: 0.280 ug/l
RT: 14.217 min Scan# 411
Delta R.T. 0.005 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

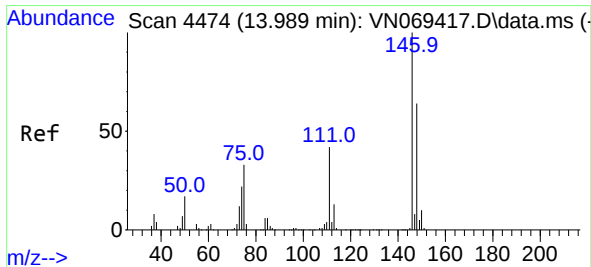
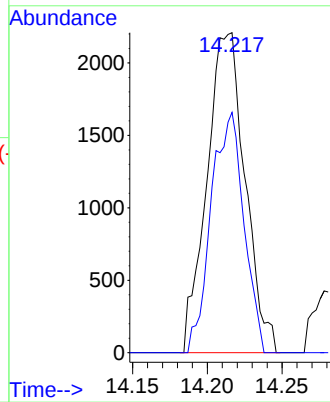
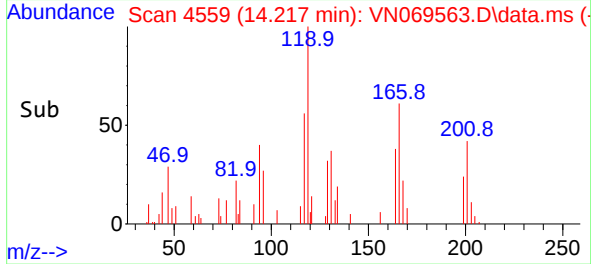
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



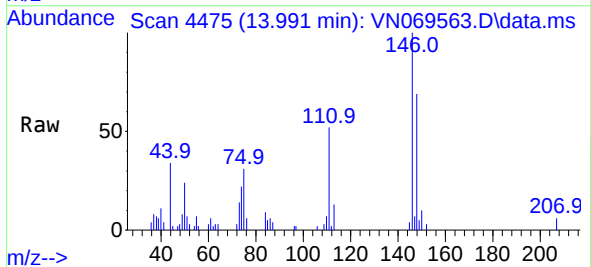
Tgt Ion:117 Resp: 3939
Ion Ratio Lower Upper
117 100
201 64.0 43.9 131.6

Manual Integrations
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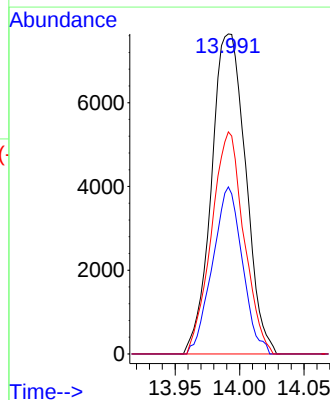
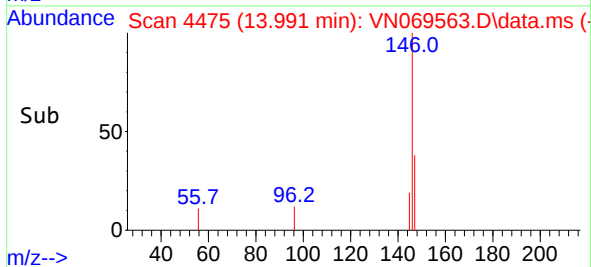
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

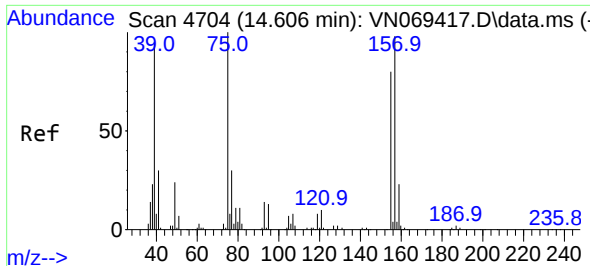


#91
1,2-Dichlorobenzene
Concen: 0.343 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.002 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33



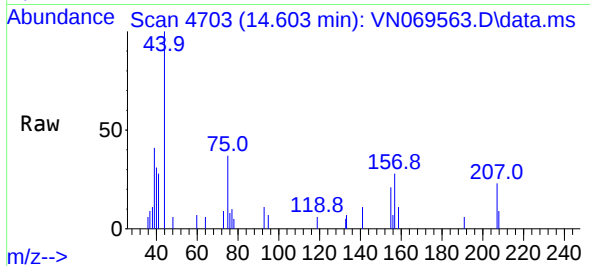
Tgt Ion:146 Resp: 14109
Ion Ratio Lower Upper
146 100
111 45.8 19.1 57.3
148 65.8 32.1 96.3





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.289 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

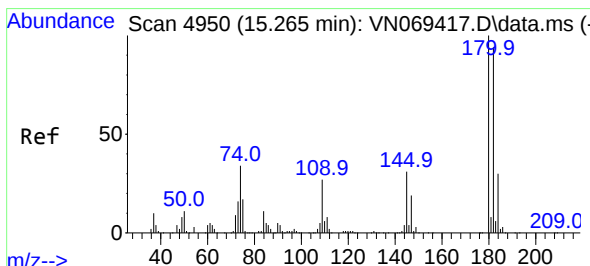
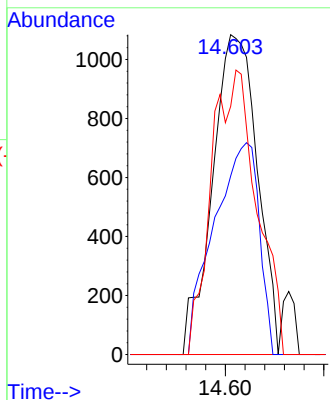
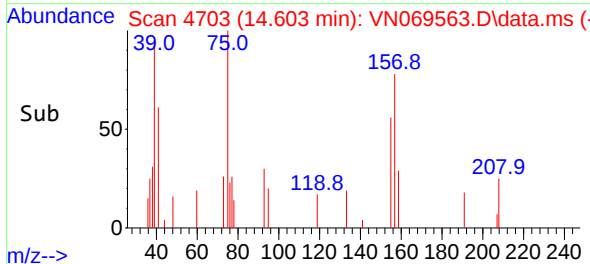
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2021



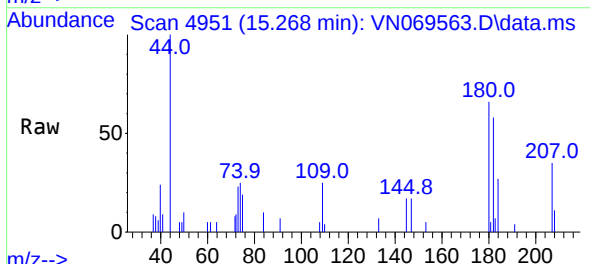
Tgt Ion: 75 Resp: 171
Ion Ratio Lower Upper
75 100
155 66.6 46.9 140.7
157 34.7 60.6 181.7

Manual Integrations
APPROVED

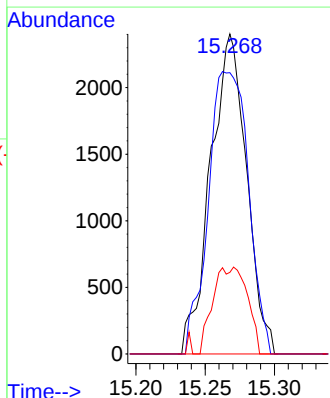
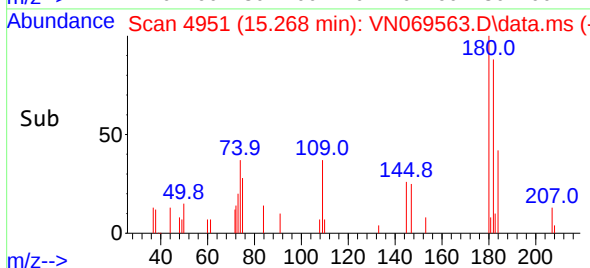
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

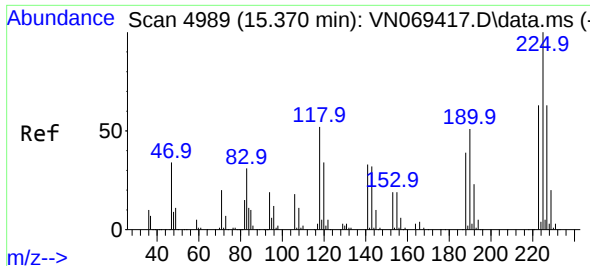


#93
1,2,4-Trichlorobenzene
Concen: 0.239 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33



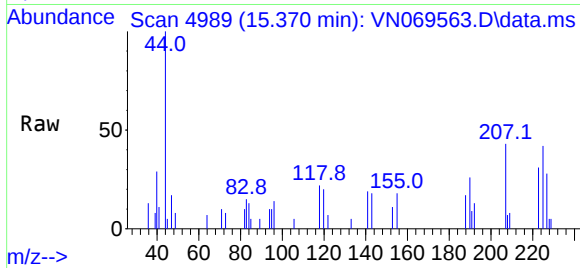
Tgt Ion:180 Resp: 4341
Ion Ratio Lower Upper
180 100
182 98.3 48.3 144.9
145 11.6 14.5 43.5#





#94
Hexachlorobutadiene
Concen: 0.269 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33

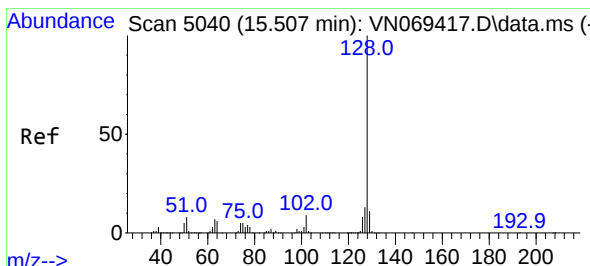
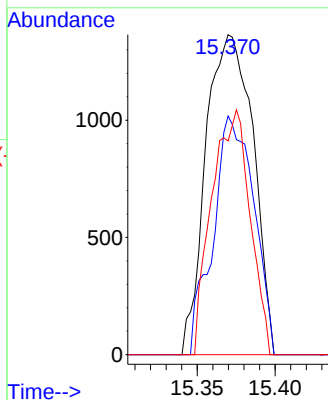
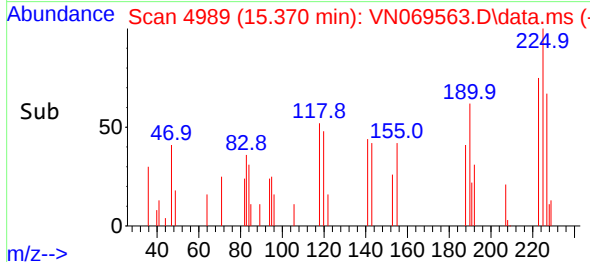
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



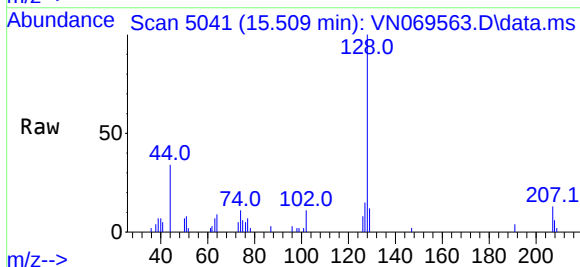
Tgt Ion:225 Resp: 2872
Ion Ratio Lower Upper
225 100
223 64.6 31.9 95.7
227 62.2 32.1 96.3

Manual Integrations
APPROVED

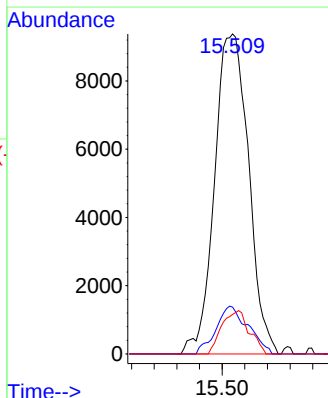
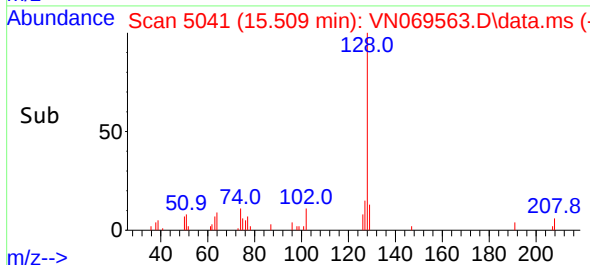
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

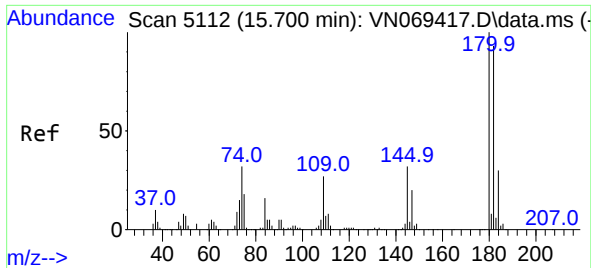


#95
Naphthalene
Concen: 0.402 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069563.D
Acq: 18 Nov 2021 19:33



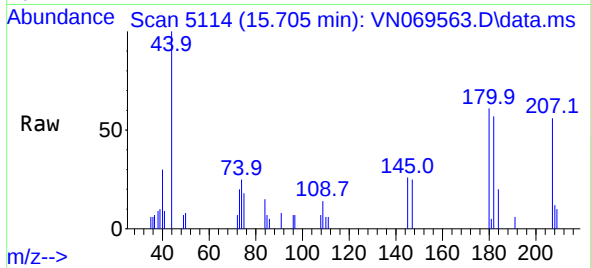
Tgt Ion:128 Resp: 19555
Ion Ratio Lower Upper
128 100
127 14.1 10.5 15.7
129 10.9 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.228 ug/l
 RT: 15.705 min Scan# 5114
 Delta R.T. 0.005 min
 Lab File: VN069563.D
 Acq: 18 Nov 2021 19:33

Instrument : MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



Tgt Ion:	180	Resp:	3962
Ion	Ratio	Lower	Upper
180	100		
182	103.2	47.4	142.2
145	31.3	15.0	45.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/19/2021
 Supervised By :Semsettin Yesilyurt 11/19/2021

